



December 23, 2003

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station
Boston, MA 02110

Re: Docket 03-126: Massachusetts Electric Company and Nantucket Electric Company Annual Rate Reconciliation Filing

Dear Secretary Cottrell:

Attached is Supplemental Testimony and Exhibits by Massachusetts Electric Company and Nantucket Electric Company (together “Mass. Electric” or the “Company”) setting forth proposed changes to Mass. Electric’s annual reconciliation filing in Docket D.T.E. 03-126. The changes described in the Supplemental Testimony are associated with Mass. Electric’s withdrawal of its proposal to continue its current Standard Offer Service Fuel Adjustment (“SOSFA”) in Docket D.T.E. 03-123. As the Company indicated in its December 19, 2003 filing in that Docket, the withdrawal of that proposal concurrent with the recalculation of the SOSFA, and the related Standard Offer Adjustment Factor proposed herein, all of which are proposed consistent with Department precedent, will reduce the SOSFA from 1.424¢ per kilowatt-hour to 1.223¢ per kilowatt-hour, and result in the proposed implementation of a Standard Offer Adjustment Factor of 0.479¢ per kilowatt-hour.

Today’s filing proposes to implement the Standard Offer Adjustment Factor above and also proposes to reduce the Company’s base transition charge¹ for 2004 from that proposed by the Company in its December 1st filing. Specifically, the Company proposes to reduce the proposed 2004 base transition charge by 0.155¢ per kilowatt-hour, from 0.774¢ per kilowatt-hour to 0.624¢ per kilowatt-hour, in order to comply with the fifteen percent rate reduction required by the restructuring statute. G.L. c. 164, s. 1B(a). Reduction of the base transition charge to meet the statutory test was authorized by the Department in the letter ruling issued on August 19, 1999.

¹ The base transition charges referenced herein excludes the affect of the transition adjustment factors by rate class, which average 0.005¢ per kWh for 2004.

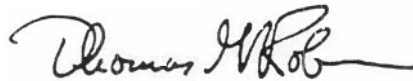
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The net effect of today's filing is an increase in the monthly bill for a residential Standard Offer Service customer using 500 kilowatt-hours of \$1.68, or 2.9 percent, over the rates currently in effect. This represents a net increase of \$0.61, or 1 percent, over the rates proposed in the Company's December 1st filing (an increase of Standard Offer Service of \$1.39, offset by a decrease of \$0.78 in the transition charge). For a 500 kilowatt-hour residential Default Service customer, today's filing produces a decrease of \$1.71 or 3 percent over current rates and a decrease of \$0.78, or 1.4 percent, from the Company's December 1st filing. Mass. Electric requests that the Department approve our filing effective for usage on and after January 1, 2004.

Thank you for attention to our filing.

Very truly yours,



Thomas G. Robinson
Amy G. Rabinowitz

Massachusetts Electric Company
and
Nantucket Electric Company

Supplemental Filing to the
January 1, 2004 Retail Rate Filing

Testimony and Exhibits
of
Theresa M. Burns

December 23, 2003

Submitted to:
Massachusetts Department of
Telecommunications and Energy
Docket No. D.T.E. 03-126
Submitted by:

Massachusetts Electric

A **National Grid** Company



Nantucket Electric

A **National Grid** Company



MASSACHUSETTS ELECTRIC COMPANY
NANTUCKET ELECTRIC COMPANY
Docket No. D.T.E. 03-126
Supplemental Filing
Witness: Burns

DIRECT TESTIMONY
OF
THERESA M. BURNS

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I. Introduction

Q. Please state your full name and business address.

A. My name is Theresa M. Burns, and my business address is 55 Bearfoot Road,
Northborough, Massachusetts 01532.

Q. Have you previously presented testimony in this proceeding?

A. Yes, my direct pre-filed testimony was submitted with the initial filing in this docket
made by Massachusetts Electric Company (“Mass. Electric”) and Nantucket Electric
Company (“Nantucket”) (together “the Company”) on December 1, 2003.

Q. What is the purpose of your testimony today?

A. My testimony presents the Company’s supplemental filing to its December 1, 2003
Annual Retail Rate Filing (“Supplemental Filing”), in which the Company is proposing a
Standard Offer Adjustment Factor to become effective for usage on and after January 1,
2004. Based upon the Company’s December 19, 2003 filing in D.T.E. 03-123
(“December 19th filing”), in which it withdrew its previously requested Standard Offer
Service Fuel Adjustment (“SOSFA”) surcharge of 1.424¢ per kWh, and instead proposed
to implement a SOSFA for January 1, 2004 of 1.223¢ per kWh, the Company now is
requesting a Standard Offer Adjustment Factor in order to recover deferred Standard
Offer Service costs incurred through September 30, 2003. While the proposed SOSFA of
1.223¢ per kWh is intended to recover ongoing fuel-related costs under the Company’s
wholesale Standard Offer Service contracts, the proposed Standard Offer Adjustment
Factor is intended to recover past fuel-related costs that have been deferred.

Q. Based upon the Company's proposal in this Supplemental Filing, can you please summarize all of the rate changes proposed in this docket?

A. Yes. The following table provides a brief summary of the proposed rate changes, taking into consideration the proposal in today's filing. Those items which the Company proposes to revise are underlined for ease of identification.

<u>Charge or Factor (¢/kWh)</u>	<u>2003</u>	<u>2004</u>	<u>Increase (Decrease)</u>
Standard Offer Base Rate	4.700¢	5.100¢	0.400¢
Standard Offer Adjmt. Factor	(0.062¢)	<u>0.479¢</u>	<u>0.541¢</u>
Default Service Adjmt. Factor	0.010¢	(0.002¢)	(0.012¢)
Transition Charge (avg.)	0.995¢	<u>0.624¢</u>	(0.371¢)
Transmission Service Charge (avg.)	0.610¢	0.587¢	(0.023¢)
Demand Side Management Charge	0.250¢	0.250¢	n/a
Renewables Charge	0.050¢	0.050¢	n/a

The proposed rates by rate class can be found in Supplemental Filing Exhibit TMB-1.

All of the Company's proposed rates in this docket are proposed to be implemented for usage on and after January 1, 2004.

II. Standard Offer Adjustment Factor

Q. Why is the Company proposing a Standard Offer Adjustment Factor at this time?

A. On December 1st, the Company did not propose to implement a Standard Offer Adjustment Factor for 2004 to recover the under collected balance at September 2003 reflected in Exhibit TMB-2 to that filing, as it had proposed to maintain its currently effective SOSFA of 1.424¢ per kWh, which, at the time, appeared sufficient to recover previously deferred fuel-related costs incurred under its wholesale Standard Offer Service contracts as well as ongoing fuel-related costs it continues to incur. However, on

1 December 19th, the Company withdrew its initial proposal for the SOSFA and proposed a
2 SOSFA that is consistent with the existing methodology for calculating a SOSFA for a
3 January implementation. Therefore, the Company is now supplementing its December 1st
4 filing and proposes to implement a Standard Offer Adjustment Factor for 2004 consistent
5 with the Company's Restructuring Settlement Agreement in Docket No. D.P.U./D.T.E.
6 96-25 ("Restructuring Settlement").
7

8 Q. Can you briefly summarize the basis for reconciling Standard Offer Service costs?

9 A. Under the Restructuring Settlement and the Company's Standard Service Cost
10 Adjustment Provision, M.D.T.E. No. 981-A¹, the Company is required to reconcile its
11 total cost of purchased power for Standard Offer Service supply against its total Standard
12 Offer Service revenue, and recover any under collections, with interest, from Standard
13 Offer Service customers. Any over collection is to be credited to all of the Company's
14 retail delivery service customers, with interest, in accordance with the Company's
15 Restructuring Settlement. Details of the Standard Offer Service reconciliation were
16 included in Exhibit TMB-2 to the Company's December 1st filing. The reconciliation
17 reflected an under collection of Standard Offer Service costs of approximately \$57.2
18 million through September 2003.
19

20 Q. Based upon the balance of the Standard Offer Service reconciliation, what is the
21 Company proposing for a Standard Offer Adjustment Factor?

22 A. The Company is proposing a Standard Offer Adjustment Factor of 0.479¢ per kWh

¹Nantucket's Standard Service Cost Adjustment Provision tariff number is M.D.T.E. No. 423.

1 during 2004 to recover the under collected balance at September 2003. This factor
2 calculation is contained in Supplemental Filing Exhibit TMB-2. Because this factor
3 represents the recovery of an under collection of Standard Offer Service costs, it will
4 apply to Standard Offer Service customers in accordance with the Company's
5 Restructuring Settlement.

6
7 Q. What is the Exhibit TMB-2 calculating?

8 A. Exhibit TMB-2 presents the method by which the 2004 Standard Offer Adjustment
9 Factor is calculated. The calculation determines a Standard Offer Adjustment Factor per
10 kWh to be applied to Standard Offer Service customer bills for the period January 2004
11 through December 2004.

12
13 Q. In the Company's December 1st filing, it proposed a two-year Standard Offer Service
14 reconciliation. Does today's filing change that proposal?

15 A. Yes it does. Originally, the Company had proposed to extend the normal one-year
16 reconciliation period an additional seventeen months, through February 2005, the end of
17 the Standard Offer Service period as defined by the Electric Utility Restructuring Act of
18 1997 (the "Act"). However, since the Company is now proposing a Standard Offer
19 Adjustment Factor for 2004, consistent with its treatment of prior period deferrals that are
20 recovered through an adjustment factor, the Company will transfer the balance as of
21 September 30, 2003 to a new reconciliation to track recovery of this amount and begin a
22 new Standard Offer Service reconciliation for the October 2003 through February 2005
23 period, beginning such reconciliation with a zero balance.

1 **III. Compliance With Rate Reduction**

2 Q. Has the Company determined whether it complies with the rate reduction of the Act after
3 consideration of the proposed Standard Offer Adjustment Factor, when taken with the
4 previously proposed rates?

5 A. The Company has prepared an analysis to determine if the proposed rates, including the
6 Standard Offer Adjustment Factor proposed herein, allow the Company to fulfill its
7 requirements of rate reduction of the Act and the directives of meeting those
8 requirements as established by the Department. The proposed SOSFA is not included in
9 the analysis, as the Department has previously ruled that it is outside of the required rate
10 reduction. Supplemental Filing Exhibit TMB-3 illustrates the rate reduction provided to
11 the Company's customers on a rate class basis. As can be seen by this exhibit, except for
12 one rate class, Rate R-2 (Low Income Residential), the Company's proposed rates allow
13 it to fulfill its obligations under the Act and the Department's directives by providing at
14 least 15% rate reductions from August 1997 rates adjusted for inflation. Therefore, the
15 Company must reduce one of its rates by a sufficient amount in order to achieve a 15%
16 rate reduction for this rate class.²

17
18 Q. How has the Company proposed to provide the required rate reduction for this rate class?

19 A. The Company is proposing to lower the base transition charge it assesses to all of its
20 retail delivery service customers in order to provide the Rate R-2 class the required 15%

² Please note that the measurement to determine compliance with the rate reduction assumes the same Standard Offer Service rate levels for all rate classes. Under the Company's proposal, Mass. Electric is proposing to charge Rate R-2 customers on Standard Offer Service the equivalent of the Default Service fixed price option to the extent it is below the Standard Offer Service charge. As a result, the Standard Offer Adjustment Factor will not apply to this class of customers, and any resulting under recovery will be reflected in the reconciliation of the amount approved for recovery against revenue received from the adjustment factor.
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1 rate reduction. The Company is proposing to lower the base transition charge by 0.155¢
2 per kWh, from the originally proposed level of 0.774¢ per kWh to the revised proposed
3 level of 0.619¢ per kWh.
4

5 Q. How did the Company arrive at the proposed reduction to the base transition charge?

6 A. The Company arrived at the proposed reduction to the base transition charge by simply
7 determining the per kWh reduction needed to provide the Rate R-2 class the required
8 15% reduction.
9

10 Q. On what basis has the Company chosen to reduce its base transition charge for the
11 purpose of achieving the rate reduction required under the Act?

12 A. On August 19, 1999, the Department issued a letter order which provided guidance on
13 how to implement the 15% rate reduction required under the Act. Consistent with that
14 letter order, the Company has chosen to reduce its base transition charge uniformly across
15 all rate classes. (August 19, 1999 letter order at 3).
16

17 Q. Has the Company redesigned its proposed base transition charges to reflect this proposed
18 overall reduction?

19 A. Yes it has. Supplemental Filing Exhibit TMB-4 provides this calculation. Page 1
20 calculates the weighted average transition charge based upon the individual Contract
21 Termination Charges (“CTC”) from New England Power Company (“NEP”) to Mass.
22 Electric. This calculation is identical to that included in the Company’s December 1st
23 filing (Exhibit TMB-9). Page 2 has been revised to reflect the needed reduction in the

1 base transition charge of 0.155¢ per kWh, which is shown on Line (3), resulting in the
2 effective base transition charge of 0.619¢ per kWh for 2004 as shown on Line (4). The
3 remainder of this exhibit performs the same calculations for designing the base transition
4 charge for those rate classes that have designed rates (Rate R-4, Rate G-2, and Rate G-3).

5
6 Q. Based upon the proposed reduction to the based transition charge and the redesigned rate
7 class base transition charges, do the Company's proposed rates now provide the rate
8 reduction required under the Act?

9 A. Yes they do. As shown in Supplemental Filing Exhibit TMB-5, not only do the rate
10 classes which previously achieved the 15% required rate reduction continue to reflect
11 compliance, but now Rate R-2 reflects the 15% required rate reduction.

12
13 Q. Are there any other impacts related to the reduction in the base transition charge?

14 A. Yes there is. The impact of lowering the base transition charge to all customers will
15 result in the Company under recovering the CTCs billed to it by NEP. While NEP will
16 be billing Mass. Electric CTCs of 0.67¢ per kWh under the Mass. Electric/Nantucket
17 wholesale settlement agreement and 1.43¢ per kWh under the former Eastern Edison
18 Company/Montaup Electric Company wholesale settlement agreement, both of which
19 result in a weighted average CTC of 0.774¢ per kWh, Mass. Electric will only be billing
20 its customers 0.619¢ per kWh, consequently under recovering those charges. Mass.
21 Electric will flow the costs related to the CTC billings and the revenue related to the
22 transition charge billings through the transition charge reconciliation, and the balance,
23 including interest, as of September 30, 2003 will form the basis of transition charge

1 adjustment factors for calendar year 2005.

2
3 **IV. Typical Bills**

4 Q. Has the Company determined the impact this Standard Offer Adjustment Factor and all
5 of the other proposed rate changes will have on customer bills?

6 A. Yes it has. Typical bills are included in this filing as Exhibit TMB-6. The typical bills in
7 Exhibit TMB-6 compare the proposed rates, including the proposed SOSFA contained in
8 the Company's December 19th filing and the proposed Exogenous Factor contained in the
9 Company's November 21, 2003 Exogenous Factor filing, to the Company's currently
10 effective rates. The Company has not reflected the Service Quality Credit proposal
11 submitted to the Department on October 28, 2003 in D.T.E. 03-20, as it is uncertain at
12 this time that the credits will be provided in the form proposed by the Company. For a
13 typical 500 kWh residential Standard Offer Service customer, the proposed rates result in
14 a bill increase of \$1.68, or 2.9%, from \$58.23 to \$59.91, as compared to rates currently in
15 effect. Today's filing provides for an overall increase in the Standard Offer Service
16 charge on a 500 kWh residential bill by \$3.39, or 5.8%, as compared to today's Standard
17 Offer Service rate of 6.124 per kWh. This increase is offset by a decrease in retail
18 delivery charges of \$1.71, or 2.9%, producing the aforementioned net impact on a typical
19 residential Standard Offer Service bill.. Default Service customers will not be affected
20 by the proposed increase in the Standard Offer Service rate, and rather will see a decrease
21 in retail delivery charges from current rates of \$1.71 for a 500 kWh residential Default
22 Service customer.

1 **V. Proposed Tariffs**

2 Q. Has the Company prepared revised tariff cover sheets reflecting the proposed rates?

3 A. Yes it has. Supplemental Filing Exhibit TMB-7 contains a clean version of the revised
4 tariff cover sheets of Mass. Electric and Nantucket. Supplemental Filing Exhibit TMB-8
5 contains the same tariff cover sheets, but marked to show changes from the ones
6 currently in effect. The tariff cover sheets reflect the proposal in the Company's
7 December 19th filing, the Company's November 21, 2003 Exogenous Factor Filing, and
8 for Nantucket reflect the proposed cable facilities surcharge factors for 2004 as proposed
9 by Nantucket in its November 20, 2003 Cable Facilities Surcharge filing submitted to the
10 Department. Once the Department has ruled on all filings that the Company has before
11 it, the Company will submit final copies of its tariff cover sheets reflecting those rulings.

12
13 **VI. Conclusion**

14 Q. Does this conclude your testimony?

15 A. Yes it does.

MASSACHUSETTS ELECTRIC COMPANY
NANTUCKET ELECTRIC COMPANY
Docket No. D.T.E. 03-126
Supplemental Filing
Witness: Burns

Exhibits

Exhibit TMB-1	Summary of Proposed Rate Changes
Exhibit TMB-2	Calculation of Standard Offer Adjustment Factor
Exhibit TMB-3	Unadjusted Rate Class Savings
Exhibit TMB-4	Base Transition Charge Calculation
Exhibit TMB-5	Rate Class Savings
Exhibit TMB-6	Typical Bills
Exhibit TMB-7	Proposed Tariff Pages - Clean
Exhibit TMB-8	Proposed Tariff Pages - Marked to Show Changes

MASSACHUSETTS ELECTRIC COMPANY
NANTUCKET ELECTRIC COMPANY
Docket No. D.T.E. 03-126
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Witness: Burns

Exhibit TMB-1
Summary of Proposed Rate Changes

Massachusetts Electric Company
Nantucket Electric Company

Rate Class	Default Service Charge (1) (a)	Standard Service Charge (2) (b)	Standard Service Adjustment Factor (3) (c)	Total Standard Service Charge (d)	Transmission Charge (f)	Transmission Adjustment Factor (g)	Net Transmission Charge (h)
		DTE 03-123	Supp Ex. TMB-2	(b) + (c)	Ex. TMB-18	Ex. TMB-17	(f) + (g)
R-1/E	Varies	\$0.06323	\$0.00479	\$0.06802	\$0.00639	(\$0.00015)	\$0.00624
R-2	Varies	\$0.05702	\$0.00000	\$0.05702	\$0.00639	(\$0.00015)	\$0.00624
R-4	Varies	\$0.06323	\$0.00479	\$0.06802	\$0.00406	(\$0.00015)	\$0.00391
G-1	Varies	\$0.06323	\$0.00479	\$0.06802	\$0.00700	(\$0.00015)	\$0.00685
G-2	Varies	\$0.06323	\$0.00479	\$0.06802	\$0.00626	(\$0.00015)	\$0.00611
G-3	Varies	\$0.06323	\$0.00479	\$0.06802	\$0.00536	(\$0.00015)	\$0.00521
Streetlights	Varies	\$0.06323	\$0.00479	\$0.06802	\$0.00445	(\$0.00015)	\$0.00430

Rate Class	Transition Charge (i)	Transition Adjustment Factor (j)	Net Transition Charge (k)	Default Service Adjustment Factor (4) (e)	Demand Side Management Charge (l)	Renewables Charge (m)	Exogenous Factor (5) (n)
	Supp Ex. TMB-4	Ex. TMB-13	(i) + (j)	Ex. TMB-8			DTE 03-124
R-1/E	\$0.00619	\$0.00013	\$0.00632	(\$0.00002)	\$0.00250	\$0.00050	\$0.00014
R-2	\$0.00619	\$0.00042	\$0.00661	(\$0.00002)	\$0.00250	\$0.00050	\$0.00014
R-4 Customer Charge							
R-4 on peak	\$0.01772	(\$0.00084)	\$0.01688	(\$0.00002)	\$0.00250	\$0.00050	\$0.00014
R-4 off peak	\$0.00000	(\$0.00084)	(\$0.00084)	(\$0.00002)	\$0.00250	\$0.00050	\$0.00014
G-1	\$0.00619	(\$0.00024)	\$0.00595	(\$0.00002)	\$0.00250	\$0.00050	\$0.00014
G-2							
Demand	\$0.67		\$0.67				
Energy	\$0.00403	\$0.00069	\$0.00472	(\$0.00002)	\$0.00250	\$0.00050	\$0.00014
G-3							
Demand	\$1.14		\$1.14				
Energy	\$0.00340	(\$0.00020)	\$0.00320	(\$0.00002)	\$0.00250	\$0.00050	\$0.00014
Streetlights	\$0.00619	\$0.00031	\$0.00650	(\$0.00002)	\$0.00250	\$0.00050	\$0.00014

(1) Effective for usage on and after November 1, 2003

(2) Reflects requested standard offer rate per the Company's December 19, 2003 filing revising the proposed SOSFA to 1.223¢ per kWh

Rate R-2 continues to be billed for standard offer at the currently effective residential fixed price option Default Service rate

(3) The Company proposes not to charge rate class R-2 the standard offer adjustment factor for 2004

(4) To be included in distribution rates for billing purposes

(5) Reflects a requested Exogenous Factor per the Company's November 21, 2003 filing, to be including in distribution rates for billing purposes

Massachusetts Electric Company
Nantucket Electric Company

Summary of Current Rates

Rate Class	Default Service Charge (1)	Standard Service Charge (2)	Transition Charge (3)	Transmission Charge (3)	Default Service Factor (3)	Standard Offer Factor (3)	Demand Side Management Charge (3)	Renewables Charge (3)
R-1/E	Varies	\$0.06124	\$0.01002	\$0.00660	\$0.00010	(\$0.00062)	\$0.00250	\$0.00075
R-2	Varies	\$0.05702	\$0.01051	\$0.00660	\$0.00010	(\$0.00062)	\$0.00250	\$0.00075
R-4 on peak	Varies	\$0.06124	\$0.02363	\$0.00441	\$0.00010	(\$0.00062)	\$0.00250	\$0.00075
R-4 off peak	Varies	\$0.06124	(\$0.00193)	\$0.00441	\$0.00010	(\$0.00062)	\$0.00250	\$0.00075
G-1	Varies	\$0.06124	\$0.00972	\$0.00685	\$0.00010	(\$0.00062)	\$0.00250	\$0.00075
G-2 Demand Energy	Varies	\$0.06124	\$0.98 \$0.00734	\$0.00632	\$0.00010	(\$0.00062)	\$0.00250	\$0.00075
G-3 Demand Energy	Varies	\$0.06124	\$1.65 \$0.00567	\$0.00538	\$0.00010	(\$0.00062)	\$0.00250	\$0.00075
Streetlights	Varies	\$0.06124	\$0.01046	\$0.00445	\$0.00010	(\$0.00062)	\$0.00250	\$0.00075

(1) Effective for usage on and after November 1, 2003

(2) Effective for usage on and after September 1, 2003 for all but Rate R-2; Rate R-2 effective for usage on and after November 1, 2003

(3) Effective for usage on and after January 1, 2003

MASSACHUSETTS ELECTRIC COMPANY
NANTUCKET ELECTRIC COMPANY
Docket No. D.T.E. 03-126
Supplemental Filing
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Exhibit TMB-2
Calculation of Standard Offer Adjustment Factor

Massachusetts Electric Company
Nantucket Electric Company

Calculation of Standard Service Adjustment Factor

(1)	Undercollection of Standard Offer as of September 30, 2003	\$57,189,307
(4)	Estimated Interest During Recovery Period	<u>\$1,011,001</u>
(5)	Total Undercollection Including Interest	\$58,200,308
(6)	Forecast 2004 kWh Sales (Mass. Electric and Nantucket)	12,138,207,246
(7)	Standard Service Adjustment Factor per kWh	\$0.00479

- (1) December 1, 2003 Retail Rate Filing, Exhibit TMB-2, Mass. Electric Standard Service Reconciliation, Page 1 of 3
- (2) Page 2 of 2, Column (g)
- (3) Line (1) + Line (2)
- (4) Total Company Forecast x percentage of kWhs (55.27%) on standard offer in Novmber 2003 based on kWh deliveries reflected in DOER Form 110 for November 2003
- (5) Line (3) ÷ Line (4), truncated after 5 decimal places

Massachusetts Electric Company
Nantucket Electric Company

Calculation of Interest on Standard Service Overcollection

	<u>Beginning Overcollection With Interest</u> (a)	<u>Estimated Refund</u> (b)	<u>Ending Overcollection</u> (c)	<u>Balance Subject to Interest</u> (d)	<u>Interest Rate</u> (e)	<u>Interest</u> (f)	<u>Cumulative Interest</u> (g)
November	\$57,189,307		\$57,189,307	\$57,189,307	2.64%	\$125,816	\$125,816
December	\$57,315,123		\$57,315,123	\$57,315,123	2.64%	\$126,093	\$251,910
January 2004	\$57,441,217	(\$4,786,768)	\$52,654,449	\$55,047,833	2.64%	\$121,105	\$373,015
February	\$52,775,554	(\$4,797,778)	\$47,977,776	\$50,376,665	2.64%	\$110,829	\$483,844
March	\$48,088,605	(\$4,808,860)	\$43,279,744	\$45,684,175	2.64%	\$100,505	\$584,349
April	\$43,380,250	(\$4,820,028)	\$38,560,222	\$40,970,236	2.64%	\$90,135	\$674,483
May	\$38,650,356	(\$4,831,295)	\$33,819,062	\$36,234,709	2.64%	\$79,716	\$754,200
June	\$33,898,778	(\$4,842,683)	\$29,056,096	\$31,477,437	2.64%	\$69,250	\$823,450
July	\$29,125,346	(\$4,854,224)	\$24,271,122	\$26,698,234	2.64%	\$58,736	\$882,186
August	\$24,329,858	(\$4,865,972)	\$19,463,886	\$21,896,872	2.64%	\$48,173	\$930,359
September	\$19,512,059	(\$4,878,015)	\$14,634,044	\$17,073,052	2.64%	\$37,561	\$967,920
October	\$14,671,605	(\$4,890,535)	\$9,781,070	\$12,226,338	2.64%	\$26,898	\$994,818
November	\$9,807,968	(\$4,903,984)	\$4,903,984	\$7,355,976	2.64%	\$16,183	\$1,011,001
December	\$4,920,167	(\$4,920,167)	(\$0)	\$2,460,084	2.64%		\$1,011,001
Total Recovery		(\$58,200,308)					

- (a) November 1 per Page 1, Line (3); all other months = prior month Column (c) + prior month Column (f)
(b) Column (a) ÷ number of remaining months in recovery period
(c) Column (a) + Column (b)
(d) Average of Column (a) and Column (c)
(e) Interest rate on customer deposits
(f) Column (d) x [Column (e) ÷ 12]
(g) Prior month Column (g) + Current month Column (f)

MASSACHUSETTS ELECTRIC COMPANY
NANTUCKET ELECTRIC COMPANY
Docket No. D.T.E. 03-126
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Witness: Burns

Exhibit TMB-3
Unadjusted Rate Class Savings

Massachusetts Electric Company
Summary of Average Rate Class Savings
Based on August 1997 Rates Adjusted for Inflation
Compared to Unadjusted January 2004 Rates

<u>Rate Class</u>	<u>Revenue August 1997 Normalized</u> (a)	<u>August 1997 Average Rate Adjusted for Inflation</u> (b)	<u>Average Rate at January 2004 Actual Rates</u> (c)	<u>% Savings</u> (d)
R-1: Regular Residential	\$613,314,169 \$0.10795	\$0.12609	\$604,698,766 \$0.10644	16%
R-2: Low Income Residential	\$28,739,571 \$0.08235	\$0.09618	\$29,237,875 \$0.08378	13%
R-4: Large Residential	\$7,718,381 \$0.10044	\$0.11744	\$7,537,516 \$0.09809	16%
Total Residential	\$649,772,121 \$0.10640	\$0.12433	\$641,474,158 \$0.10504	16%
G-1: Small Commercial & Industrial	\$171,298,416 \$0.12064	\$0.14103	\$166,647,891 \$0.11737	17%
G-2: Medium Commercial & Industrial	\$210,268,937 \$0.09379	\$0.10963	\$210,131,217 \$0.09373	15%
G-3: Large Commercial & Industrial	\$556,431,953 \$0.08516	\$0.09952	\$551,631,193 \$0.08443	15%
Total Commercial & Industrial	\$937,999,307 \$0.09200	\$0.10744	\$928,410,301 \$0.09106	15%
Streetlights	\$23,948,807 \$0.20206	\$0.23609	\$22,780,373 \$0.19220	19%
Total Company	\$1,611,720,235 \$0.09815	\$0.11459	\$1,592,664,832 \$0.09699	15%

08/97 Normalized Revenue revenue based on bundled rates in effect 8/1/97 applied against 1998 units developed and used in Docket 96-25

(a) February 24, 1998 Filing to Implement Massachusetts Electric Utility Restructuring Act, Exhibit PTZ-1, Revised

(b) See page 2 (Column (a) per kWh price inflated monthly at CPI-U)

(c) Billing units priced out at proposed January 1, 2004 rates, excluding fuel index surcharge (pp. 3-7), and divided by kWhs in Docket 96-25

(d) Column (b) vs Column (c)

Massachusetts Electric Company
Determination of Statutory Benchmark, Adjusted for Inflation
August 1, 1997 to June 30, 2004

		CPI Index	Percentage Change	R-1 Benchmark Rates	R-2 Benchmark Rates	R-4 Benchmark Rates	Residential Benchmark Rates	G-1 Benchmark Rates	G-2 Benchmark Rates	G-3 Benchmark Rates	C&I Benchmark Rates	Streetlight Benchmark Rates	Total Company Benchmark Rates
<u>Actual as of:</u>		<u>Inflation for:</u>											
31-Jul-97		160.5 1/		\$0.10795	\$0.08235	\$0.10044	\$0.10640	\$0.12064	\$0.09379	\$0.08516	\$0.09200	\$0.20206	\$0.09815
31-Aug-97	Aug-97	160.8 1/	0.187%	\$0.10816	\$0.08251	\$0.10063	\$0.10659	\$0.12087	\$0.09397	\$0.08532	\$0.09217	\$0.20244	\$0.09833
30-Sep-97	Sep-97	161.2 1/	0.249%	\$0.10843	\$0.08272	\$0.10088	\$0.10686	\$0.12117	\$0.09420	\$0.08553	\$0.09240	\$0.20294	\$0.09857
31-Oct-97	Oct-97	161.6 1/	0.248%	\$0.10870	\$0.08293	\$0.10113	\$0.10713	\$0.12147	\$0.09443	\$0.08574	\$0.09263	\$0.20344	\$0.09881
30-Nov-97	Nov-97	161.5 1/	-0.062%	\$0.10863	\$0.08288	\$0.10107	\$0.10706	\$0.12139	\$0.09437	\$0.08569	\$0.09257	\$0.20331	\$0.09875
31-Dec-97	Dec-97	161.3 1/	-0.124%	\$0.10850	\$0.08278	\$0.10094	\$0.10693	\$0.12124	\$0.09425	\$0.08558	\$0.09246	\$0.20306	\$0.09863
31-Jan-98	Jan-98	161.6 1/	0.186%	\$0.10870	\$0.08293	\$0.10113	\$0.10713	\$0.12147	\$0.09443	\$0.08574	\$0.09263	\$0.20344	\$0.09881
28-Feb-98	Feb-98	161.9 1/	0.186%	\$0.10890	\$0.08308	\$0.10132	\$0.10733	\$0.12170	\$0.09461	\$0.08590	\$0.09280	\$0.20382	\$0.09899
31-Mar-98	Mar-98	162.2 1/	0.185%	\$0.10910	\$0.08323	\$0.10151	\$0.10753	\$0.12193	\$0.09479	\$0.08606	\$0.09297	\$0.20420	\$0.09917
30-Apr-98	Apr-98	162.5 1/	0.185%	\$0.10930	\$0.08338	\$0.10170	\$0.10773	\$0.12216	\$0.09497	\$0.08622	\$0.09314	\$0.20458	\$0.09935
31-May-98	May-98	162.8 1/	0.185%	\$0.10950	\$0.08353	\$0.10189	\$0.10793	\$0.12239	\$0.09515	\$0.08638	\$0.09331	\$0.20496	\$0.09953
30-Jun-98	Jun-98	163.0 1/	0.123%	\$0.10963	\$0.08363	\$0.10202	\$0.10806	\$0.12254	\$0.09527	\$0.08649	\$0.09342	\$0.20521	\$0.09965
31-Jul-98	Jul-98	163.2 1/	0.123%	\$0.10976	\$0.08373	\$0.10215	\$0.10819	\$0.12269	\$0.09539	\$0.08660	\$0.09353	\$0.20546	\$0.09977
31-Aug-98	Aug-98	163.4 1/	0.123%	\$0.10989	\$0.08383	\$0.10228	\$0.10832	\$0.12284	\$0.09551	\$0.08671	\$0.09364	\$0.20571	\$0.09989
30-Sep-98	Sep-98	163.6 1/	0.122%	\$0.11002	\$0.08393	\$0.10241	\$0.10845	\$0.12299	\$0.09563	\$0.08682	\$0.09375	\$0.20596	\$0.10001
31-Oct-98	Oct-98	164.0 1/	0.244%	\$0.11029	\$0.08414	\$0.10266	\$0.10872	\$0.12329	\$0.09586	\$0.08703	\$0.09398	\$0.20646	\$0.10025
30-Nov-98	Nov-98	164.0 1/	0.000%	\$0.11029	\$0.08414	\$0.10266	\$0.10872	\$0.12329	\$0.09586	\$0.08703	\$0.09398	\$0.20646	\$0.10025
31-Dec-98	Dec-98	163.9 1/	-0.061%	\$0.11022	\$0.08409	\$0.10260	\$0.10865	\$0.12321	\$0.09580	\$0.08698	\$0.09392	\$0.20633	\$0.10019
31-Jan-99	Jan-99	164.3 1/	0.244%	\$0.11049	\$0.08430	\$0.10285	\$0.10892	\$0.12351	\$0.09603	\$0.08719	\$0.09415	\$0.20683	\$0.10043
28-Feb-99	Feb-99	164.5 1/	0.122%	\$0.11062	\$0.08440	\$0.10298	\$0.10905	\$0.12366	\$0.09615	\$0.08730	\$0.09426	\$0.20708	\$0.10055
31-Mar-99	Mar-99	165.0 1/	0.304%	\$0.11096	\$0.08466	\$0.10329	\$0.10938	\$0.12404	\$0.09644	\$0.08757	\$0.09455	\$0.20771	\$0.10086
30-Apr-99	Apr-99	166.2 1/	0.727%	\$0.11177	\$0.08528	\$0.10404	\$0.11018	\$0.12494	\$0.09714	\$0.08821	\$0.09524	\$0.20922	\$0.10159
31-May-99	May-99	166.2 1/	0.000%	\$0.11177	\$0.08528	\$0.10404	\$0.11018	\$0.12494	\$0.09714	\$0.08821	\$0.09524	\$0.20922	\$0.10159
30-Jun-99	Jun-99	166.2 1/	0.000%	\$0.11177	\$0.08528	\$0.10404	\$0.11018	\$0.12494	\$0.09714	\$0.08821	\$0.09524	\$0.20922	\$0.10159
31-Jul-99	Jul-99	166.7 1/	0.301%	\$0.11211	\$0.08554	\$0.10435	\$0.11051	\$0.12532	\$0.09743	\$0.08848	\$0.09553	\$0.20985	\$0.10190
31-Aug-99	Aug-99	167.1 1/	0.240%	\$0.11238	\$0.08575	\$0.10460	\$0.11078	\$0.12562	\$0.09766	\$0.08869	\$0.09576	\$0.21035	\$0.10214
30-Sep-99	Sep-99	167.9 1/	0.479%	\$0.11292	\$0.08616	\$0.10510	\$0.11131	\$0.12622	\$0.09813	\$0.08911	\$0.09622	\$0.21136	\$0.10263
31-Oct-99	Oct-99	168.2 1/	0.179%	\$0.11312	\$0.08631	\$0.10529	\$0.11151	\$0.12645	\$0.09831	\$0.08927	\$0.09639	\$0.21174	\$0.10281
30-Nov-99	Nov-99	168.3 1/	0.059%	\$0.11319	\$0.08636	\$0.10535	\$0.11158	\$0.12653	\$0.09837	\$0.08932	\$0.09645	\$0.21187	\$0.10287
31-Dec-99	Dec-99	168.3 1/	0.000%	\$0.11319	\$0.08636	\$0.10535	\$0.11158	\$0.12653	\$0.09837	\$0.08932	\$0.09645	\$0.21187	\$0.10287
31-Jan-00	Jan-00	168.8 1/	0.297%	\$0.11353	\$0.08662	\$0.10566	\$0.11191	\$0.12691	\$0.09866	\$0.08959	\$0.09674	\$0.21250	\$0.10318
29-Feb-00	Feb-00	169.8 1/	0.592%	\$0.11420	\$0.08713	\$0.10629	\$0.11257	\$0.12766	\$0.09924	\$0.09012	\$0.09731	\$0.21376	\$0.10379
31-Mar-00	Mar-00	171.2 1/	0.824%	\$0.11514	\$0.08785	\$0.10717	\$0.11350	\$0.12871	\$0.10006	\$0.09086	\$0.09811	\$0.21552	\$0.10465
30-Apr-00	Apr-00	171.3 1/	0.058%	\$0.11521	\$0.08790	\$0.10723	\$0.11357	\$0.12879	\$0.10012	\$0.09091	\$0.09817	\$0.21565	\$0.10471
31-May-00	May-00	171.5 1/	0.117%	\$0.11534	\$0.08800	\$0.10736	\$0.11370	\$0.12894	\$0.10024	\$0.09102	\$0.09828	\$0.21590	\$0.10483
30-Jun-00	Jun-00	172.4 1/	0.525%	\$0.11595	\$0.08846	\$0.10792	\$0.11430	\$0.12962	\$0.10077	\$0.09150	\$0.09880	\$0.21703	\$0.10538
31-Jul-00	Jul-00	172.8 1/	0.232%	\$0.11622	\$0.08867	\$0.10817	\$0.11457	\$0.12992	\$0.10100	\$0.09171	\$0.09903	\$0.21753	\$0.10562
31-Aug-00	Aug-00	172.8 1/	0.000%	\$0.11622	\$0.08867	\$0.10817	\$0.11457	\$0.12992	\$0.10100	\$0.09171	\$0.09903	\$0.21753	\$0.10562
30-Sep-00	Sep-00	173.7 1/	0.521%	\$0.11683	\$0.08913	\$0.10873	\$0.11517	\$0.13060	\$0.10153	\$0.09219	\$0.09955	\$0.21866	\$0.10617
31-Oct-00	Oct-00	174.0 1/	0.173%	\$0.11703	\$0.08928	\$0.10892	\$0.11537	\$0.13083	\$0.10171	\$0.09235	\$0.09972	\$0.21904	\$0.10635
30-Nov-00	Nov-00	174.1 1/	0.057%	\$0.11710	\$0.08933	\$0.10898	\$0.11544	\$0.13091	\$0.10177	\$0.09240	\$0.09978	\$0.21917	\$0.10641
31-Dec-00	Dec-00	174.0 1/	-0.057%	\$0.11703	\$0.08928	\$0.10892	\$0.11537	\$0.13083	\$0.10171	\$0.09235	\$0.09972	\$0.21904	\$0.10635
31-Jan-01	Jan-01	175.1 1/	0.632%	\$0.11777	\$0.08984	\$0.10961	\$0.11610	\$0.13166	\$0.10235	\$0.09293	\$0.10035	\$0.22042	\$0.10702
28-Feb-01	Feb-01	175.8 1/	0.400%	\$0.11824	\$0.09020	\$0.11005	\$0.11656	\$0.13219	\$0.10276	\$0.09330	\$0.10075	\$0.22130	\$0.10745
31-Mar-01	Mar-01	176.2 1/	0.228%	\$0.11851	\$0.09041	\$0.11030	\$0.11683	\$0.13249	\$0.10299	\$0.09351	\$0.10098	\$0.22180	\$0.10769
30-Apr-01	Apr-01	176.9 1/	0.397%	\$0.11898	\$0.09077	\$0.11074	\$0.11729	\$0.13302	\$0.10340	\$0.09388	\$0.10138	\$0.22268	\$0.10812
31-May-01	May-01	177.7 1/	0.452%	\$0.11952	\$0.09118	\$0.11124	\$0.11782	\$0.13362	\$0.10387	\$0.09430	\$0.10184	\$0.22369	\$0.10861
30-Jun-01	Jun-01	178.0 1/	0.169%	\$0.11972	\$0.09133	\$0.11143	\$0.11802	\$0.13385	\$0.10405	\$0.09446	\$0.10201	\$0.22407	\$0.10879
31-Jul-01	Jul-01	177.5 1/	-0.281%	\$0.11938	\$0.09107	\$0.11112	\$0.11769	\$0.13347	\$0.10376	\$0.09419	\$0.10172	\$0.22344	\$0.10848
31-Aug-01	Aug-01	177.5 1/	0.000%	\$0.11938	\$0.09107	\$0.11112	\$0.11769	\$0.13347	\$0.10376	\$0.09419	\$0.10172	\$0.22344	\$0.10848
30-Sep-01	Sep-01	178.3 1/	0.451%	\$0.11992	\$0.09148	\$0.11162	\$0.11822	\$0.13407	\$0.10423	\$0.09461	\$0.10218	\$0.22445	\$0.10897
31-Oct-01	Oct-01	177.7 1/	-0.337%	\$0.11952	\$0.09117	\$0.11124	\$0.11782	\$0.13362	\$0.10388	\$0.09429	\$0.10184	\$0.22369	\$0.10860
30-Nov-01	Nov-01	177.4 1/	-0.169%	\$0.11932	\$0.09102	\$0.11105	\$0.11762	\$0.13339	\$0.10370	\$0.09413	\$0.10167	\$0.22331	\$0.10842
31-Dec-01	Dec-01	176.7 1/	-0.395%	\$0.11885	\$0.09066	\$0.11061	\$0.11716	\$0.13286	\$0.10329	\$0.09376	\$0.10127	\$0.22243	\$0.10799
31-Jan-02	Jan-02	177.1 1/	0.226%	\$0.11912	\$0.09087	\$0.11086	\$0.11743	\$0.13316	\$0.10352	\$0.09397	\$0.10150	\$0.22293	\$0.10823
28-Feb-02	Feb-02	177.8 1/	0.395%	\$0.11959	\$0.09123	\$0.11130	\$0.11789	\$0.13369	\$0.10393	\$0.09434	\$0.10190	\$0.22381	\$0.10866
31-Mar-02	Mar-02	178.8 1/	0.562%	\$0.12026	\$0.09174	\$0.11193	\$0.11855	\$0.13444	\$0.10451	\$0.09487	\$0.10247	\$0.22507	\$0.10927
30-Apr-02	Apr-02	179.8 1/	0.559%	\$0.12093	\$0.09225	\$0.11256	\$0.11921	\$0.13519	\$0.10509	\$0.09540	\$0.10304	\$0.22633	\$0.10988
31-May-02	May-02	179.8 1/	0.000%	\$0.12093	\$0.09225	\$0.11256	\$0.11921	\$0.13519	\$0.10509	\$0.09540	\$0.10304	\$0.22633	\$0.10988
30-Jun-02	Jun-02	179.9 1/	0.056%	\$0.12100	\$0.09230	\$0.11262	\$0.11928	\$0.13527	\$0.10515	\$0.09545	\$0.10310	\$0.22646	\$0.10994
31-Jul-02	Jul-02	180.1 1/	0.111%	\$0.12113	\$0.09240	\$0.11275	\$0.11941	\$0.13542	\$0.10527	\$0.09556	\$0.10321	\$0.22671	\$0.11006
31-Aug-02	Aug-02	180.7 1/	0.333%	\$0.12153	\$0.09271	\$0.11313	\$0.12001	\$0.13587	\$0.10562	\$0.09588	\$0.10355	\$0.22747	\$0.11043
30-Sep-02	Sep-02	181.0 1/	0.166%	\$0.12173	\$0.09286								

Massachusetts Electric Company
Proposed January 2004 Rates
Revenue Analysis for Rate R-1/ R-2

R-1/ R-2		Units (1)	August 1, 1997 Revenues (2)	January 1, 2004 Proposed Rate (3)	January 1, 2004 Proposed Revenues (4)	Comments
Section 1: Rate Design						
1 Customer Charge	R-1	9,754,932	\$64,382,551	\$5.81	\$56,676,155	
	R-2	674,780	\$2,928,545	\$3.77	\$2,543,921	
2 Interruptible Credit #1	R-1	512,530	(\$2,818,915)	(\$5.50)	(\$2,818,915)	
	Distribution-Related			(\$5.50)	(\$2,818,915)	
	R-2	30,336	(\$166,848)	(\$5.50)	(\$166,848)	
	Distribution-Related			(\$5.50)	(\$166,848)	
3 Interruptible Credit #2	R-1	426,388	(\$3,197,910)	(\$7.50)	(\$3,197,910)	
	Distribution-Related			(\$7.50)	(\$3,197,910)	
	R-2	20,999	(\$157,493)	(\$7.50)	(\$157,493)	
	Distribution-Related			(\$7.50)	(\$157,493)	
4 Energy Charge	R-1	5,681,290,363	\$376,839,990	\$0.09752	\$554,039,436	
	R-2	<u>348,983,400</u>	<u>\$15,194,737</u>	\$0.07742	<u>\$27,018,295</u>	
	Total kWh	6,030,273,763	\$392,034,727		\$581,057,731	
	R-1 Distribution Charge	5,681,290,363		\$0.02462	\$139,873,369	
	R-2 Distribution Charge	348,983,400		\$0.00423	\$1,476,200	
	R-1 Transmission Charge	5,681,290,363		\$0.00624	\$35,451,252	
	R-2 Transmission Charge	348,983,400		\$0.00624	\$2,177,656	
	R-1 Transition Charge	5,681,290,363		\$0.00787	\$44,711,755	
	R-2 Transition Charge	348,983,400		\$0.00816	\$2,847,705	
	R-1 Standard Service Charge	5,681,290,363		\$0.05579	\$316,959,189	
	R-2 Standard Service Charge	348,983,400		\$0.05579	\$19,469,784	
	R-1 DSM/Renewables Charge	5,681,290,363		\$0.00300	\$17,043,871	
	R-2 DSM/Renewables Charge	348,983,400		\$0.00300	\$1,046,950	
	R-1 Normalized Fuel & PPCA Revenue		\$178,108,453			
	R-2 Normalized Fuel & PPCA Revenue		\$10,940,630			
5 Total Design Revenue:	R-1		\$613,314,169		\$604,698,766	
	R-2		\$28,739,571		\$29,237,875	

Section 2: Summary

1 Total Units -	Number of Bills:	<u>R-1</u> 9,754,932	<u>R-2</u> 674,780			Section 1
	Interruptible Credit #1:	512,530	30,336			Section 1
	Interruptible Credit #2:	426,388	20,999			Section 1
	KWh	5,681,290,363	348,983,400			Section 1
2 Total Design Revenue:		<u>R-1</u> \$613,314,169	<u>R-2</u> \$28,739,571	<u>R-1</u> \$604,698,766	<u>R-2</u> \$29,237,875	
	Total R-1/R-2		\$642,053,740		\$633,936,642	Section 1

Date: 23-Dec-03

Time: 07:27 AM

Massachusetts Electric Company

Nantucket Electric Company

Docket No. D.T.E. 03-126

Supplemental Filing

Exhibit TMB-3

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Massachusetts Electric Company

Proposed January 2004 Rates

Revenue Analysis for Rate R-4

R-4	Units (1)	August 1, 1997 Revenues (2)	January 1, 2004 Proposed Rate (3)	January 1, 2004 Proposed Revenues (4)	Comments
Section 1: Rate Design					
1 Customer Charge	19,472	\$414,169	\$19.20	\$373,862	
2 Energy Charge:					
On Peak	26,839,617	\$3,597,582	\$0.14523	\$3,897,918	
Off Peak	<u>50,003,625</u>	<u>\$1,297,594</u>	\$0.06531	<u>\$3,265,737</u>	
Total kWh	76,843,242	\$4,895,176		\$7,163,654	
Distribution Charge-On Peak			\$0.06121	\$1,642,853	
Distribution Charge-Off Peak			\$0.00345	\$172,513	
Transmission Charge			\$0.00391	\$300,457	
Transition Charge-On Peak			\$0.02132	\$572,221	
Transition Charge-Off Peak			(\$0.00084)	(\$42,003)	
Standard Service Charge			\$0.05579	\$4,287,084	
DSM/Renewables Charge			\$0.00300	\$230,530	
Normalized Fuel & PPCA Revenue		\$2,409,036			
3 Total Design Revenue:		\$7,718,381		\$7,537,516	

Section 2: Summary

1 Total Units -	Number of Bills:	19,472	\$414,169		Section 1
	On-Peak kWh:	26,839,617	\$3,597,582		Section 1
	Off-Peak kWh:	<u>50,003,625</u>	<u>\$1,297,594</u>		Section 1
	Total kWh:	76,843,242	\$5,309,345		Section 1
	Normalized Fuel & PPCA Revenue		<u>\$2,409,036</u>		
2 Total Design Revenue:			\$7,718,381	\$7,537,516	Section 1

Massachusetts Electric Company
Proposed January 2004 Rates
Revenue Analysis for Rate G-1

G-1	Units (1)	August 1, 1997 Revenues (2)	January 1, 2004	January 1, 2004	Comments
			Proposed Rate (3)	Proposed Revenues (4)	
Section 1: Rate Design					
1 Customer Charge	1,018,343	\$9,572,424	\$8.32	\$8,472,614	
2 Unmetered Charge:	50,055	\$367,904	\$6.48	\$324,356	
3 Energy Charge:	1,419,905,735	\$116,844,043	\$0.11117	\$157,850,921	
Distribution Charge			\$0.03803	\$53,999,015	
Transmission Charge			\$0.00685	\$9,726,354	
Transition Charge			\$0.00750	\$10,649,293	
Standard Service Charge			\$0.05579	\$79,216,541	
DSM/Renewables Charge			\$0.00300	\$4,259,717	
Normalized Fuel & PPCA Revenue		<u>\$44,514,045</u>			
4 Total Design Revenue:		\$171,298,416		\$166,647,891	

Section 2: Summary

1 Total Units -	Number of Bills:	1,018,343		Section 1
	Unmetered Charge:	50,055		Section 1
	KWh	1,419,905,735		Section 1
2 Total Design Revenue:		\$171,298,416	\$166,647,891	Section 1

Massachusetts Electric Company
Proposed January 2004 Rates
Revenue Analysis for Rate G-2

G-2	Units	August 1, 1997 Revenues	January 1, 2004 Proposed Rate	January 1, 2004 Proposed Revenues	Comments
	(1)	(2)	(3)	(4)	
Section 1: Rate Design					
1 Customer Charge	133,940	\$2,287,695	\$15.23	\$2,039,906	
2 Demand Charges	7,026,110	<u>\$70,682,667</u>			
Distribution Charge			\$5.92	\$41,594,571	
Transition Charge			<u>\$0.84</u>	<u>\$5,901,932</u>	
Total			\$6.76	<u>\$47,496,504</u>	
3 Total Customer & Demand Revenues:		\$72,970,362		\$49,536,410	
4 Customer & Demand Proration Impact:	0.370536%	\$270,381	0.370536%	\$183,550	
5 Energy Charge:	2,241,900,237	\$66,875,884	\$0.07161	\$160,542,476	
Distribution Charge			\$0.00098	\$2,197,062	
Transmission Charge			\$0.00611	\$13,698,010	
Transition Charge			\$0.00573	\$12,846,088	
Standard Service Charge			\$0.05579	\$125,075,614	
DSM/Renewables Charge			\$0.00300	\$6,725,701	
6 Gross Revenues:		\$140,116,627		\$210,262,436	
6a Normalized Fuel & PPCA Revenue		\$70,283,572			
7 High Voltage Discount @ 1%	-0.032177%	(\$67,700)	-0.032177%	(\$67,656)	
Distribution/Access/Std. Offer-Related				(\$63,249)	
Transmission-Related				(\$4,408)	
8 Transformer Owership Discount @ \$.45	141,249	<u>(\$63,562)</u>	(\$0.45)	<u>(\$63,562)</u>	
9 Total Design Revenue:		\$210,268,937		\$210,131,217	

Section 2: Summary

1 Total Units -	Number of Bills:	133,940		Section 1
	KW:	7,026,110		Section 1
	KWh	2,241,900,237		Section 1
2 Total Design Revenue:		\$210,268,937	\$210,131,217	Section 1

Massachusetts Electric Company
Proposed January 2004 Rates
Revenue Analysis for Rate G-3

G-3		Units	August 1, 1997	January 1, 2004	January 1, 2004	Comments
		(1)	Revenues	Proposed	Proposed	
			(2)	Rate	Revenues	
				(3)	(4)	
Section 1: Rate Design						
1 Customer Charge		25,582	\$1,916,092	\$67.27	\$1,720,901	
2 Demand Charges		15,699,504	<u>\$155,111,100</u>			
	Distribution Charge			\$3.63	\$56,989,200	
	Transition Charge			<u>\$1.43</u>	<u>\$22,450,291</u>	
	Total			\$5.06	<u>\$79,439,490</u>	
3 Total Customer & Demand Revenues:			\$157,027,192		\$81,160,391	
4 Customer & Demand Proration Impact:		-0.363529%	<u>(\$570,839)</u>	-0.363529%	<u>(\$295,042)</u>	
5 Total Customer & Demand Prorated Revenues:			\$156,456,353		\$80,865,349	
6 Energy Charge:	On-Peak	2,988,154,262	\$112,264,956	\$0.07886	\$235,645,845	
	Off-Peak	<u>3,545,534,158</u>	<u>\$89,489,282</u>	\$0.06817	<u>\$241,699,064</u>	
	Total kWh	6,533,688,420	\$201,754,238		\$477,344,909	
	Distribution Charge-On Peak			\$0.01081	\$32,301,948	
	Distribution Charge-Off Peak			\$0.00012	\$425,464	
	Transmission Charge			\$0.00521	\$34,040,517	
	Transition Charge			\$0.00405	\$26,461,438	
	Standard Service Charge			\$0.05579	\$364,514,477	
	DSM/Renewables Charge			\$0.00300	\$19,601,065	
7 Total Bill			\$358,210,591		\$558,210,258	
7a Normalized Fuel & PPCA Revenue			\$204,831,132			
8 High Voltage Discount 1%:		-0.635522%	<u>(\$3,578,254)</u>	-0.635522%	<u>(\$3,547,549)</u>	
	Distribution/Access/Std. Offer-Related				<u>(\$3,331,214)</u>	
	Transmission-Related				<u>(\$216,335)</u>	
9 Transformer Ownership Discount -\$.45:		5,895,078	<u>(\$2,652,785)</u>	<u>(\$0.45)</u>	<u>(\$2,652,785)</u>	
10 115kV Transmission Discount -\$2.14:		176,977	<u>(\$378,731)</u>	<u>(\$2.14)</u>	<u>(\$378,731)</u>	
11 Total Design Revenue:			\$556,431,953		\$551,631,193	

Section 2: Summary

1 Total Units -	Number of Bills:	25,582		Section 1
	KW:	15,699,504		Section 1
	On-Peak kWh:	2,988,154,262		Section 1
	Off-Peak kWh:	<u>3,545,534,158</u>		Section 1
	Total kWh:	6,533,688,420		Section 1
2 Total Design Revenue:			\$556,431,953	\$551,631,193 Section 1

MASSACHUSETTS ELECTRIC COMPANY
NANTUCKET ELECTRIC COMPANY
Docket No. D.T.E. 03-126
Supplemental Filing
Witness: Burns

Exhibit TMB-4
Base Transition Charge Calculation

Massachusetts Electric Company
Nantucket Electric Company
Calculation of Weighted Average Transition Charge
Calendar Year 2004

Section I: Individual CTC Amounts

Mass. Electric/Nantucket Electric

	<u>CTC</u> (1)	<u>GWhs</u> (2)	<u>Expected CTC Costs</u> (3)
2004	\$0.00670	18,360	\$123,012,000

Eastern Edison

	<u>CTC</u> (4)	<u>GWhs</u> (5)	<u>Expected CTC Costs</u> (6)
2004	\$0.01430	2,927.804	\$41,867,597

Section II: Weighted Average Transition Charge Calculation

Total

	<u>Total GWhs</u> (7)	<u>Total Expected CTC Costs</u> (8)	<u>Weighted Avg Transition Charge (¢/kWh)</u> (9)
2004	21,287.804	\$164,879,597	0.774

- (1) Per November 26, 2003 *2003 NEP CTC Reconciliation Report*, Schedule 1 for 2004
- (2) Per November 26, 2003 *2003 NEP CTC Reconciliation Report*, Schedule 1 for 2004
- (3) (1) x (2)
- (4) Per November 26, 2003 *2003 NEP* (as Montaup's successor) *CTC Reconciliation Report*, Schedule 1 for 2004
- (5) Per November 26, 2003 *2003 NEP* (as Montaup's successor) *CTC Reconciliation Report*, Schedule 1 for 2004
- (6) (4) x (5)
- (7) (2) + (5)
- (8) (3) + (6)
- (9) (8) ÷ (7), truncated after 3 decimal places

Massachusetts Electric Company
Nantucket Electric Company
Proposed Retail Transition Charge Effective January 1, 2004

Section I: Weighted Average Contract Termination Charge and Transition Charge

(1)	Transition Charge Effective January 1, 2003		0.893
(2)	Proposed Transition Charge Effective January 1, 2004	0.774	
(3)	Adjustment to Achieve Mandatory Rate Reduction for Rate R-2	<u>(0.155)</u>	
(4)	Proposed Effective Transition Charge Effective January 1, 2004		0.619

Section II: Calculation of Rate G-2 and G-3 Transition Charge

(5)	Change in Contract Termination Charge	(0.274)
(6)	Percent Weighted Average Contract Termination Charge is Below January 1, 2003 Contract Termination Charge	69.31691%

		January 1, 2003 Transition Charge (7)	CTC Above January 1, 2003 Level (8)	January 1, 2004 Transition Charge Before Adjustments (9)
All Rates Except R-4, G-2 & G-3		\$0.00893	69.31691%	\$0.00619
R-4	On Peak	\$0.02556	(a)	\$0.01772
	Off Peak	\$0.00000	(a)	\$0.00000
G-2	Demand	\$0.98	69.31691%	\$0.67
	Energy	\$0.00581	69.31691%	\$0.00403
G-3	Demand	\$1.65	69.31691%	\$1.14
	Energy	\$0.00490	69.31691%	\$0.00340

- (1) Per Current Tariffs
- (2) Page 1, Column (9)
- (3) Reduction required to achieve a 15% rate reduction for rate class R-2
- (4) Line (2) + Line (3)
- (5) Line (4) - Line (1)
- (6) Line (5) ÷ Line (1)
- (7) January 1, 2003 effective tariffs representing base transition charge that is designed to collect at 0.893¢ per kWh, on average
- (8) Line (6)
- (a) See Page 3 for R-4 Proposed Transition Charge design
- (9) Column (7) x Column (8), truncated after 2 decimal places for demand charge, 5 decimal places for energy charge

Massachusetts Electric Company
Nantucket Electric Company
Proposed Rate for Usage on and After January 1, 2004
Transition Rate Design for Rate R-4

R-4	Units (1)	Present Revenues (2)	Proposed Rate (3)	Proposed Revenues (4)	Comments
Section 1: Rate Design					
1 Transition Charge:					
On Peak	26,839,617	\$686,021	\$0.01772	\$475,598	
Off Peak	<u>50,003,625</u>	<u>\$0</u>	\$0.00000	<u>\$0</u>	
Total kWh	76,843,242	\$686,021		\$475,598	= Lines 2 + 3
Transition Charge-On Peak	\$0.02556		\$0.01772	\$475,598	
Transition Charge-Off Peak	\$0.00000		\$0.00000	\$0	
2 Total Design Revenue:		\$686,021		\$475,598	= Lines 1 + 4
Section 2: Summary					
1 Total Units -					
On-Peak KWh:	26,839,617				
Off-Peak KWh:	<u>50,003,625</u>				
Total kWh:	76,843,242				
2 Total Design Revenue:				\$475,598	
3 Revenue Requirement				\$475,660	Transition Revenue Requirement
Proposed Combined Transition Charge 1/1/04	\$0.00619				

Column (3) Proposed Transition Charge: Off Peak = [Revenue Req. x (Off Peak Dist. Chge ÷ On Peak Dist. Chge)] ÷ Off Peak kWh
On Peak = [(Revenue Req - Off Peak Revenue) ÷ On Peak kWh]

MASSACHUSETTS ELECTRIC COMPANY
NANTUCKET ELECTRIC COMPANY
Docket No. D.T.E. 03-126
Supplemental Filing
Witness: Burns

Exhibit TMB-5
Rate Class Savings

Massachusetts Electric Company
Summary of Average Rate Class Savings
Based on August 1997 Rates Adjusted for Inflation
Compared to Proposed January 2004 Rates

<u>Rate Class</u>	<u>Revenue August 1997 Normalized</u> (a)	<u>August 1997 Average Rate Adjusted for Inflation</u> (b)	<u>Average Rate at January 2004 Actual Rates</u> (c)	<u>% Savings</u> (d)
R-1: Regular Residential	\$613,314,169 \$0.10795	\$0.12609	\$595,892,766 \$0.10489	17%
R-2: Low Income Residential	\$28,739,571 \$0.08235	\$0.09618	\$28,696,951 \$0.08223	15%
R-4: Large Residential	\$7,718,381 \$0.10044	\$0.11744	\$7,418,348 \$0.09654	18%
Total Residential	\$649,772,121 \$0.10640	\$0.12433	\$632,008,066 \$0.10349	17%
G-1: Small Commercial & Industrial	\$171,298,416 \$0.12064	\$0.14103	\$164,447,037 \$0.11582	18%
G-2: Medium Commercial & Industrial	\$210,268,937 \$0.09379	\$0.10963	\$206,669,148 \$0.09218	16%
G-3: Large Commercial & Industrial	\$556,431,953 \$0.08516	\$0.09952	\$541,605,377 \$0.08289	17%
Total Commercial & Industrial	\$937,999,307 \$0.09200	\$0.10744	\$912,721,562 \$0.08952	17%
Streetlights	\$23,948,807 \$0.20206	\$0.23609	\$22,596,663 \$0.19065	19%
Total Company	\$1,611,720,235 \$0.09815	\$0.11459	\$1,567,326,290 \$0.09545	17%

08/97 Normalized Revenue revenue based on bundled rates in effect 8/1/97 applied against 1998 units developed and used in Docket 96-25

- (a) February 24, 1998 Filing to Implement Massachusetts Electric Utility Restructuring Act, Exhibit PTZ-1, Revised
(b) See page 2 (Column (a) per kWh price inflated monthly at CPI-U)
(c) Billing units priced out at proposed January 1, 2004 rates, excluding fuel index surcharge (pp. 3-7), and divided by kWhs in Docket 96-25
(d) Column (b) vs Column (c)

Massachusetts Electric Company
Determination of Statutory Benchmark, Adjusted for Inflation
August 1, 1997 to June 30, 2004

		CPI Index	Percentage Change	R-1 Benchmark Rates	R-2 Benchmark Rates	R-4 Benchmark Rates	Residential Benchmark Rates	G-1 Benchmark Rates	G-2 Benchmark Rates	G-3 Benchmark Rates	C&I Benchmark Rates	Streetlight Benchmark Rates	Total Company Benchmark Rates
<u>Actual as of:</u>	<u>Inflation for:</u>												
31-Jul-97		160.5 1/		\$0.10795	\$0.08235	\$0.10044	\$0.10640	\$0.12064	\$0.09379	\$0.08516	\$0.09200	\$0.20206	\$0.09815
31-Aug-97	Aug-97	160.8 1/	0.187%	\$0.10816	\$0.08251	\$0.10063	\$0.10659	\$0.12087	\$0.09397	\$0.08532	\$0.09217	\$0.20244	\$0.09833
30-Sep-97	Sep-97	161.2 1/	0.249%	\$0.10843	\$0.08272	\$0.10088	\$0.10686	\$0.12117	\$0.09420	\$0.08553	\$0.09240	\$0.20294	\$0.09857
31-Oct-97	Oct-97	161.6 1/	0.248%	\$0.10870	\$0.08293	\$0.10113	\$0.10713	\$0.12147	\$0.09443	\$0.08574	\$0.09263	\$0.20344	\$0.09881
30-Nov-97	Nov-97	161.5 1/	-0.062%	\$0.10863	\$0.08288	\$0.10107	\$0.10706	\$0.12139	\$0.09437	\$0.08569	\$0.09257	\$0.20331	\$0.09875
31-Dec-97	Dec-97	161.3 1/	-0.124%	\$0.10850	\$0.08278	\$0.10094	\$0.10693	\$0.12124	\$0.09425	\$0.08558	\$0.09246	\$0.20306	\$0.09863
31-Jan-98	Jan-98	161.6 1/	0.186%	\$0.10870	\$0.08293	\$0.10113	\$0.10713	\$0.12147	\$0.09443	\$0.08574	\$0.09263	\$0.20344	\$0.09881
28-Feb-98	Feb-98	161.9 1/	0.186%	\$0.10890	\$0.08308	\$0.10132	\$0.10733	\$0.12170	\$0.09461	\$0.08590	\$0.09280	\$0.20382	\$0.09899
31-Mar-98	Mar-98	162.2 1/	0.185%	\$0.10910	\$0.08323	\$0.10151	\$0.10753	\$0.12193	\$0.09479	\$0.08606	\$0.09297	\$0.20420	\$0.09917
30-Apr-98	Apr-98	162.5 1/	0.185%	\$0.10930	\$0.08338	\$0.10170	\$0.10773	\$0.12216	\$0.09497	\$0.08622	\$0.09314	\$0.20458	\$0.09935
31-May-98	May-98	162.8 1/	0.185%	\$0.10950	\$0.08353	\$0.10189	\$0.10793	\$0.12239	\$0.09515	\$0.08638	\$0.09331	\$0.20496	\$0.09953
30-Jun-98	Jun-98	163.0 1/	0.123%	\$0.10963	\$0.08363	\$0.10202	\$0.10806	\$0.12254	\$0.09527	\$0.08649	\$0.09342	\$0.20521	\$0.09965
31-Jul-98	Jul-98	163.2 1/	0.123%	\$0.10976	\$0.08373	\$0.10215	\$0.10819	\$0.12269	\$0.09539	\$0.08660	\$0.09353	\$0.20546	\$0.09977
31-Aug-98	Aug-98	163.4 1/	0.123%	\$0.10989	\$0.08383	\$0.10228	\$0.10832	\$0.12284	\$0.09551	\$0.08671	\$0.09364	\$0.20571	\$0.09989
30-Sep-98	Sep-98	163.6 1/	0.122%	\$0.11002	\$0.08393	\$0.10241	\$0.10845	\$0.12299	\$0.09563	\$0.08682	\$0.09375	\$0.20596	\$0.10001
31-Oct-98	Oct-98	164.0 1/	0.244%	\$0.11029	\$0.08414	\$0.10266	\$0.10872	\$0.12329	\$0.09586	\$0.08703	\$0.09398	\$0.20646	\$0.10025
30-Nov-98	Nov-98	164.0 1/	0.000%	\$0.11029	\$0.08414	\$0.10266	\$0.10872	\$0.12329	\$0.09586	\$0.08703	\$0.09398	\$0.20646	\$0.10025
31-Dec-98	Dec-98	163.9 1/	-0.061%	\$0.11022	\$0.08409	\$0.10260	\$0.10865	\$0.12321	\$0.09580	\$0.08698	\$0.09392	\$0.20633	\$0.10019
31-Jan-99	Jan-99	164.3 1/	0.244%	\$0.11049	\$0.08430	\$0.10285	\$0.10892	\$0.12351	\$0.09603	\$0.08719	\$0.09415	\$0.20683	\$0.10043
28-Feb-99	Feb-99	164.5 1/	0.122%	\$0.11062	\$0.08440	\$0.10298	\$0.10905	\$0.12366	\$0.09615	\$0.08730	\$0.09426	\$0.20708	\$0.10055
31-Mar-99	Mar-99	165.0 1/	0.304%	\$0.11096	\$0.08466	\$0.10329	\$0.10938	\$0.12404	\$0.09644	\$0.08757	\$0.09455	\$0.20771	\$0.10086
30-Apr-99	Apr-99	166.2 1/	0.727%	\$0.11177	\$0.08528	\$0.10404	\$0.11018	\$0.12494	\$0.09714	\$0.08821	\$0.09524	\$0.20922	\$0.10159
31-May-99	May-99	166.2 1/	0.000%	\$0.11177	\$0.08528	\$0.10404	\$0.11018	\$0.12494	\$0.09714	\$0.08821	\$0.09524	\$0.20922	\$0.10159
30-Jun-99	Jun-99	166.2 1/	0.000%	\$0.11177	\$0.08528	\$0.10404	\$0.11018	\$0.12494	\$0.09714	\$0.08821	\$0.09524	\$0.20922	\$0.10159
31-Jul-99	Jul-99	166.7 1/	0.301%	\$0.11211	\$0.08554	\$0.10435	\$0.11051	\$0.12532	\$0.09743	\$0.08848	\$0.09553	\$0.20985	\$0.10190
31-Aug-99	Aug-99	167.1 1/	0.240%	\$0.11238	\$0.08575	\$0.10460	\$0.11078	\$0.12562	\$0.09766	\$0.08869	\$0.09576	\$0.21035	\$0.10214
30-Sep-99	Sep-99	167.9 1/	0.479%	\$0.11292	\$0.08616	\$0.10510	\$0.11131	\$0.12622	\$0.09813	\$0.08911	\$0.09622	\$0.21136	\$0.10263
31-Oct-99	Oct-99	168.2 1/	0.179%	\$0.11312	\$0.08631	\$0.10529	\$0.11151	\$0.12645	\$0.09831	\$0.08927	\$0.09639	\$0.21174	\$0.10281
30-Nov-99	Nov-99	168.3 1/	0.059%	\$0.11319	\$0.08636	\$0.10535	\$0.11158	\$0.12653	\$0.09837	\$0.08932	\$0.09645	\$0.21187	\$0.10287
31-Dec-99	Dec-99	168.3 1/	0.000%	\$0.11319	\$0.08636	\$0.10535	\$0.11158	\$0.12653	\$0.09837	\$0.08932	\$0.09645	\$0.21187	\$0.10287
31-Jan-00	Jan-00	168.8 1/	0.297%	\$0.11353	\$0.08662	\$0.10566	\$0.11191	\$0.12691	\$0.09866	\$0.08959	\$0.09674	\$0.21250	\$0.10318
29-Feb-00	Feb-00	169.8 1/	0.592%	\$0.11420	\$0.08713	\$0.10629	\$0.11257	\$0.12766	\$0.09924	\$0.09012	\$0.09731	\$0.21376	\$0.10379
31-Mar-00	Mar-00	171.2 1/	0.824%	\$0.11514	\$0.08785	\$0.10717	\$0.11350	\$0.12871	\$0.10006	\$0.09086	\$0.09811	\$0.21552	\$0.10465
30-Apr-00	Apr-00	171.3 1/	0.058%	\$0.11521	\$0.08790	\$0.10723	\$0.11357	\$0.12879	\$0.10012	\$0.09091	\$0.09817	\$0.21565	\$0.10471
31-May-00	May-00	171.5 1/	0.117%	\$0.11534	\$0.08800	\$0.10736	\$0.11370	\$0.12894	\$0.10024	\$0.09102	\$0.09828	\$0.21590	\$0.10483
30-Jun-00	Jun-00	172.4 1/	0.525%	\$0.11595	\$0.08846	\$0.10792	\$0.11430	\$0.12962	\$0.10077	\$0.09150	\$0.09880	\$0.21703	\$0.10538
31-Jul-00	Jul-00	172.8 1/	0.232%	\$0.11622	\$0.08867	\$0.10817	\$0.11457	\$0.12992	\$0.10100	\$0.09171	\$0.09903	\$0.21753	\$0.10562
31-Aug-00	Aug-00	172.8 1/	0.000%	\$0.11622	\$0.08867	\$0.10817	\$0.11457	\$0.12992	\$0.10100	\$0.09171	\$0.09903	\$0.21753	\$0.10562
30-Sep-00	Sep-00	173.7 1/	0.521%	\$0.11683	\$0.08913	\$0.10873	\$0.11517	\$0.13060	\$0.10153	\$0.09219	\$0.09955	\$0.21866	\$0.10617
31-Oct-00	Oct-00	174.0 1/	0.173%	\$0.11703	\$0.08928	\$0.10892	\$0.11537	\$0.13083	\$0.10171	\$0.09235	\$0.09972	\$0.21904	\$0.10635
30-Nov-00	Nov-00	174.1 1/	0.057%	\$0.11710	\$0.08933	\$0.10898	\$0.11544	\$0.13091	\$0.10177	\$0.09240	\$0.09978	\$0.21917	\$0.10641
31-Dec-00	Dec-00	174.0 1/	-0.057%	\$0.11703	\$0.08928	\$0.10892	\$0.11537	\$0.13083	\$0.10171	\$0.09235	\$0.09972	\$0.21904	\$0.10635
31-Jan-01	Jan-01	175.1 1/	0.632%	\$0.11777	\$0.08984	\$0.10961	\$0.11610	\$0.13166	\$0.10235	\$0.09293	\$0.10035	\$0.22042	\$0.10702
28-Feb-01	Feb-01	175.8 1/	0.400%	\$0.11824	\$0.09020	\$0.11005	\$0.11656	\$0.13219	\$0.10276	\$0.09330	\$0.10075	\$0.22130	\$0.10745
31-Mar-01	Mar-01	176.2 1/	0.228%	\$0.11851	\$0.09041	\$0.11030	\$0.11683	\$0.13249	\$0.10299	\$0.09351	\$0.10098	\$0.22180	\$0.10769
30-Apr-01	Apr-01	176.9 1/	0.397%	\$0.11898	\$0.09077	\$0.11074	\$0.11729	\$0.13302	\$0.10340	\$0.09388	\$0.10138	\$0.22268	\$0.10812
31-May-01	May-01	177.7 1/	0.452%	\$0.11952	\$0.09118	\$0.11124	\$0.11782	\$0.13362	\$0.10387	\$0.09430	\$0.10184	\$0.22369	\$0.10861
30-Jun-01	Jun-01	178.0 1/	0.169%	\$0.11972	\$0.09133	\$0.11143	\$0.11802	\$0.13385	\$0.10405	\$0.09446	\$0.10201	\$0.22407	\$0.10879
31-Jul-01	Jul-01	177.5 1/	-0.281%	\$0.11938	\$0.09107	\$0.11112	\$0.11769	\$0.13347	\$0.10376	\$0.09419	\$0.10172	\$0.22344	\$0.10848
31-Aug-01	Aug-01	177.5 1/	0.000%	\$0.11938	\$0.09107	\$0.11112	\$0.11769	\$0.13347	\$0.10376	\$0.09419	\$0.10172	\$0.22344	\$0.10848
30-Sep-01	Sep-01	178.3 1/	0.451%	\$0.11992	\$0.09148	\$0.11162	\$0.11822	\$0.13407	\$0.10423	\$0.09461	\$0.10218	\$0.22445	\$0.10897
31-Oct-01	Oct-01	177.7 1/	-0.337%	\$0.11952	\$0.09117	\$0.11124	\$0.11782	\$0.13362	\$0.10388	\$0.09429	\$0.10184	\$0.22369	\$0.10860
30-Nov-01	Nov-01	177.4 1/	-0.169%	\$0.11932	\$0.09102	\$0.11105	\$0.11762	\$0.13339	\$0.10370	\$0.09413	\$0.10167	\$0.22331	\$0.10842
31-Dec-01	Dec-01	176.7 1/	-0.395%	\$0.11885	\$0.09066	\$0.11061	\$0.11716	\$0.13286	\$0.10329	\$0.09376	\$0.10127	\$0.22243	\$0.10799
31-Jan-02	Jan-02	177.1 1/	0.226%	\$0.11912	\$0.09087	\$0.11086	\$0.11743	\$0.13316	\$0.10352	\$0.09397	\$0.10150	\$0.22293	\$0.10823
28-Feb-02	Feb-02	177.8 1/	0.395%	\$0.11959	\$0.09123	\$0.11130	\$0.11789	\$0.13369	\$0.10393	\$0.09434	\$0.10190	\$0.22381	\$0.10866
31-Mar-02	Mar-02	178.8 1/	0.562%	\$0.12026	\$0.09174	\$0.11193	\$0.11855	\$0.13444	\$0.10451	\$0.09487	\$0.10247	\$0.22507	\$0.10927
30-Apr-02	Apr-02	179.8 1/	0.559%	\$0.12093	\$0.09225	\$0.11256	\$0.11921	\$0.13519	\$0.10509	\$0.09540	\$0.10304	\$0.22633	\$0.10988
31-May-02	May-02	179.8 1/	0.000%	\$0.12093	\$0.09225	\$0.11256	\$0.11921	\$0.13519	\$0.10509	\$0.09540	\$0.10304	\$0.22633	\$0.10988
30-Jun-02	Jun-02	179.9 1/	0.056%	\$0.12100	\$0.09230	\$0.11262	\$0.11928	\$0.13527	\$0.10515	\$0.09545	\$0.10310	\$0.22646	\$0.10994
31-Jul-02	Jul-02	180.1 1/	0.111%	\$0.12113	\$0.09240	\$0.11275	\$0.11941	\$0.13542	\$0.10527	\$0.09556	\$0.10321	\$0.22671	\$0.11006
31-Aug-02	Aug-02	180.7 1/	0.333%	\$0.12153	\$0.09271	\$0.11313	\$0.11981	\$0.13587	\$0.10562	\$0.09588	\$0.10355	\$0.22747	\$0.11043
30-Sep-02	Sep-02	181.0 1/	0.166%	\$0.12173	\$0.09286	\$0.11332	\$0.12001	\$0.13610	\$0.10580	\$0.09604	\$0.10372	\$0.22785	\$0.11061
31-Oct-02	Oct-02	181.3 1/	0.166%	\$0.12193	\$0.09301	\$0.11351	\$0.12021	\$0.13633	\$0.10598	\$0.09620	\$0.10389	\$0.22823	\$0.11079
30-Nov-02	Nov-02	181.3 1/	0.000%	\$0.12193	\$0.09301	\$0.11351	\$0.12021	\$0.13633	\$0.10598	\$0.09620	\$0.10389	\$0.22823	\$0.11079
31-Dec-02	Dec-02	180.9 1/	-0.221%	\$0.12166	\$0.09280	\$0.11326	\$0.11994	\$0.13603	\$0.10575	\$0.09599	\$0.10366	\$0.22773	\$0.11055
31-Jan-03	Jan-03	181.7 1/	0.442%	\$0.12220	\$0.09321	\$0.11376	\$0.12047	\$0.13663	\$0.10622	\$0.09641	\$0.10412	\$0.22874	\$0.11104
28-Feb-03	Feb-03	183.1 1/	0.771%	\$0.12314	\$0.09393	\$0.11464	\$0.12140	\$0.13768	\$0.10704	\$0.09715	\$0.10492	\$0.23050	\$0.11190
31-Mar-03	Mar-03	184.2 1/	0.601%	\$0.12388	\$0.09449	\$0.11533	\$0.12213	\$0.13851	\$0.10768	\$0.09773	\$0.10555	\$0.23188	\$0.11257
30-Apr-03	Apr-03	183.8 1/	-0.217%	\$0.12361	\$0.09428	\$0.11508	\$0.12186	\$0.13821	\$0.10745	\$0.09752	\$0.10532	\$0.23138	\$0.11233
31-May-03	May-03	183.5 1/	-0.163%	\$0.12341	\$0.09413	\$0.11489	\$0.12166	\$0.13798	\$0.10727	\$0.09736	\$0.10515	\$0.23100	\$0.11215
30-Jun-03	Jun-03	183.											

Massachusetts Electric Company
Proposed January 2004 Rates
Revenue Analysis for Rate R-1/ R-2

			August 1, 1997	January 1, 2004	January 1, 2004	
	R-1/ R-2	Units	Revenues	Proposed Rate	Proposed Revenues	Comments
		(1)	(2)	(3)	(4)	
Section 1: Rate Design						
1 Customer Charge	R-1	9,754,932	\$64,382,551	\$5.81	\$56,676,155	
	R-2	674,780	\$2,928,545	\$3.77	\$2,543,921	
2 Interruptible Credit #1	R-1	512,530	(\$2,818,915)	(\$5.50)	(\$2,818,915)	
	Distribution-Related			(\$5.50)	(\$2,818,915)	
	R-2	30,336	(\$166,848)	(\$5.50)	(\$166,848)	
	Distribution-Related			(\$5.50)	(\$166,848)	
3 Interruptible Credit #2	R-1	426,388	(\$3,197,910)	(\$7.50)	(\$3,197,910)	
	Distribution-Related			(\$7.50)	(\$3,197,910)	
	R-2	20,999	(\$157,493)	(\$7.50)	(\$157,493)	
	Distribution-Related			(\$7.50)	(\$157,493)	
4 Energy Charge	R-1	5,681,290,363	\$376,839,990	\$0.09597	\$545,233,436	
	R-2	348,983,400	\$15,194,737	\$0.07587	\$26,477,371	
	Total kWh	6,030,273,763	\$392,034,727		\$571,710,807	
	R-1 Distribution Charge	5,681,290,363		\$0.02462	\$139,873,369	
	R-2 Distribution Charge	348,983,400		\$0.00423	\$1,476,200	
	R-1 Transmission Charge	5,681,290,363		\$0.00624	\$35,451,252	
	R-2 Transmission Charge	348,983,400		\$0.00624	\$2,177,656	
	R-1 Transition Charge	5,681,290,363		\$0.00632	\$35,905,755	
	R-2 Transition Charge	348,983,400		\$0.00661	\$2,306,780	
	R-1 Standard Service Charge	5,681,290,363		\$0.05579	\$316,959,189	
	R-2 Standard Service Charge	348,983,400		\$0.05579	\$19,469,784	
	R-1 DSM/Renewables Charge	5,681,290,363		\$0.00300	\$17,043,871	
	R-2 DSM/Renewables Charge	348,983,400		\$0.00300	\$1,046,950	
	R-1 Normalized Fuel & PPCA Revenue		\$178,108,453			
	R-2 Normalized Fuel & PPCA Revenue		\$10,940,630			
5 Total Design Revenue:	R-1		\$613,314,169		\$595,892,766	
	R-2		\$28,739,571		\$28,696,951	
Section 2: Summary						
1 Total Units -		<u>R-1</u>	<u>R-2</u>			
	Number of Bills:	9,754,932	674,780			Section 1
	Interruptible Credit #1:	512,530	30,336			Section 1
	Interruptible Credit #2:	426,388	20,999			Section 1
	KWh	5,681,290,363	348,983,400			Section 1
2 Total Design Revenue:		<u>R-1</u>	<u>R-2</u>	<u>R-1</u>	<u>R-2</u>	
		\$613,314,169	\$28,739,571	\$595,892,766	\$28,696,951	
	Total R-1/R-2		\$642,053,740		\$624,589,717	Section 1

Date: 23-Dec-03
Time: 07:30 AM

Massachusetts Electric Company
Nantucket Electric Company
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Massachusetts Electric Company
Proposed January 2004 Rates
Revenue Analysis for Rate R-4

R-4	Units (1)	August 1, 1997 Revenues (2)	January 1, 2004 Proposed Rate (3)	January 1, 2004 Proposed Revenues (4)	Comments
Section 1: Rate Design					
1 Customer Charge	19,472	\$414,169	\$19.20	\$373,862	
2 Energy Charge:					
On Peak	26,839,617	\$3,597,582	\$0.14079	\$3,778,750	
Off Peak	<u>50,003,625</u>	<u>\$1,297,594</u>	\$0.06531	<u>\$3,265,737</u>	
Total kWh	76,843,242	\$4,895,176		\$7,044,486	
Distribution Charge-On Peak			\$0.06121	\$1,642,853	
Distribution Charge-Off Peak			\$0.00345	\$172,513	
Transmission Charge			\$0.00391	\$300,457	
Transition Charge-On Peak			\$0.01688	\$453,053	
Transition Charge-Off Peak			(\$0.00084)	(\$42,003)	
Standard Service Charge			\$0.05579	\$4,287,084	
DSM/Renewables Charge			\$0.00300	\$230,530	
Normalized Fuel & PPCA Revenue		\$2,409,036			
3 Total Design Revenue:		\$7,718,381		\$7,418,348	

Section 2: Summary

1 Total Units -	Number of Bills:	19,472	\$414,169		Section 1
	On-Peak kWh:	26,839,617	\$3,597,582		Section 1
	Off-Peak kWh:	<u>50,003,625</u>	<u>\$1,297,594</u>		Section 1
	Total kWh:	76,843,242	\$5,309,345		Section 1
	Normalized Fuel & PPCA Revenue		<u>\$2,409,036</u>		
2 Total Design Revenue:			\$7,718,381	\$7,418,348	Section 1

Date: 23-Dec-03

Time: 07:30 AM

Massachusetts Electric Company

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Massachusetts Electric Company
Proposed January 2004 Rates
Revenue Analysis for Rate G-1

G-1	Units (1)	August 1, 1997 Revenues (2)	January 1, 2004	January 1, 2004	Comments
			Proposed Rate (3)	Proposed Revenues (4)	
Section 1: Rate Design					
1 Customer Charge	1,018,343	\$9,572,424	\$8.32	\$8,472,614	
2 Unmetered Charge:	50,055	\$367,904	\$6.48	\$324,356	
3 Energy Charge:	1,419,905,735	\$116,844,043	\$0.10962	\$155,650,067	
Distribution Charge			\$0.03803	\$53,999,015	
Transmission Charge			\$0.00685	\$9,726,354	
Transition Charge			\$0.00595	\$8,448,439	
Standard Service Charge			\$0.05579	\$79,216,541	
DSM/Renewables Charge			\$0.00300	\$4,259,717	
Normalized Fuel & PPCA Revenue		<u>\$44,514,045</u>			
4 Total Design Revenue:		\$171,298,416		\$164,447,037	

Section 2: Summary

1 Total Units -	Number of Bills:	1,018,343		Section 1
	Unmetered Charge:	50,055		Section 1
	KWh	1,419,905,735		Section 1
2 Total Design Revenue:		\$171,298,416	\$164,447,037	Section 1

Massachusetts Electric Company
Proposed January 2004 Rates
Revenue Analysis for Rate G-2

G-2	Units	August 1, 1997 Revenues	January 1, 2004 Proposed Rate	January 1, 2004 Proposed Revenues	Comments
	(1)	(2)	(3)	(4)	
Section 1: Rate Design					
1 Customer Charge	133,940	\$2,287,695	\$15.23	\$2,039,906	
2 Demand Charges	7,026,110	<u>\$70,682,667</u>			
Distribution Charge			\$5.92	\$41,594,571	
Transition Charge			<u>\$0.67</u>	<u>\$4,707,494</u>	
Total			\$6.59	<u>\$46,302,065</u>	
3 Total Customer & Demand Revenues:		\$72,970,362		\$48,341,971	
4 Customer & Demand Proration Impact:	0.370536%	\$270,381	0.370536%	\$179,124	
5 Energy Charge:	2,241,900,237	\$66,875,884	\$0.07060	\$158,278,157	
Distribution Charge			\$0.00098	\$2,197,062	
Transmission Charge			\$0.00611	\$13,698,010	
Transition Charge			\$0.00472	\$10,581,769	
Standard Service Charge			\$0.05579	\$125,075,614	
DSM/Renewables Charge			\$0.00300	\$6,725,701	
6 Gross Revenues:		\$140,116,627		\$206,799,252	
6a Normalized Fuel & PPCA Revenue		\$70,283,572			
7 High Voltage Discount @ 1%	-0.032177%	(\$67,700)	-0.032177%	(\$66,542)	
Distribution/Access/Std. Offer-Related				(\$62,134)	
Transmission-Related				(\$4,408)	
8 Transformer Owership Discount @ \$.45	141,249	<u>(\$63,562)</u>	(\$0.45)	<u>(\$63,562)</u>	
9 Total Design Revenue:		\$210,268,937		\$206,669,148	

Section 2: Summary

1 Total Units -	Number of Bills:	133,940		Section 1
	KW:	7,026,110		Section 1
	KWh	2,241,900,237		Section 1
2 Total Design Revenue:		\$210,268,937	\$206,669,148	Section 1

Massachusetts Electric Company
Proposed January 2004 Rates
Revenue Analysis for Rate G-3

G-3		Units	August 1, 1997 Revenues	January 1, 2004 Proposed Rate	January 1, 2004 Proposed Revenues	Comments
		(1)	(2)	(3)	(4)	
Section 1: Rate Design						
1 Customer Charge		25,582	\$1,916,092	\$67.27	\$1,720,901	
2 Demand Charges		15,699,504	<u>\$155,111,100</u>			
	Distribution Charge			\$3.63	\$56,989,200	
	Transition Charge			<u>\$1.14</u>	<u>\$17,897,435</u>	
	Total			\$4.77	<u>\$74,886,634</u>	
3 Total Customer & Demand Revenues:			\$157,027,192		\$76,607,535	
4 Customer & Demand Proration Impact:		-0.363529%	<u>(\$570,839)</u>	-0.363529%	<u>(\$278,491)</u>	
5 Total Customer & Demand Prorated Revenues:			\$156,456,353		\$76,329,044	
6 Energy Charge:	On-Peak	2,988,154,262	\$112,264,956	\$0.07801	\$233,105,914	
	Off-Peak	<u>3,545,534,158</u>	<u>\$89,489,282</u>	\$0.06732	<u>\$238,685,360</u>	
	Total kWh	6,533,688,420	\$201,754,238		\$471,791,274	
	Distribution Charge-On Peak			\$0.01081	\$32,301,948	
	Distribution Charge-Off Peak			\$0.00012	\$425,464	
	Transmission Charge			\$0.00521	\$34,040,517	
	Transition Charge			\$0.00320	\$20,907,803	
	Standard Service Charge			\$0.05579	\$364,514,477	
	DSM/Renewables Charge			\$0.00300	\$19,601,065	
7 Total Bill			\$358,210,591		\$548,120,318	
7a Normalized Fuel & PPCA Revenue			\$204,831,132			
8 High Voltage Discount 1%:		-0.635522%	<u>(\$3,578,254)</u>	-0.635522%	<u>(\$3,483,425)</u>	
	Distribution/Access/Std. Offer-Related				<u>(\$3,267,090)</u>	
	Transmission-Related				<u>(\$216,335)</u>	
9 Transformer Ownership Discount -\$.45:		5,895,078	<u>(\$2,652,785)</u>	<u>(\$0.45)</u>	<u>(\$2,652,785)</u>	
10 115kV Transmission Discount -\$2.14:		176,977	<u>(\$378,731)</u>	<u>(\$2.14)</u>	<u>(\$378,731)</u>	
11 Total Design Revenue:			\$556,431,953		\$541,605,377	

Section 2: Summary

1 Total Units -	Number of Bills:	25,582			Section 1
	KW:	15,699,504			Section 1
	On-Peak kWh:	2,988,154,262			Section 1
	Off-Peak kWh:	<u>3,545,534,158</u>			Section 1
	Total kWh:	6,533,688,420			Section 1
2 Total Design Revenue:			\$556,431,953	\$541,605,377	Section 1

MASSACHUSETTS ELECTRIC COMPANY
NANTUCKET ELECTRIC COMPANY
Docket No. D.T.E. 03-126
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Witness: Burns

Exhibit TMB-6
Typical Bills

Massachusetts Electric Company
Proposed January 1, 2004 Rates
Calculation of Monthly Typical Bill

Impact on R-1 Rate Customers

Monthly KWh	(1)			(2)			(1) vs (2)	
	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
125	\$18.92	\$7.66	\$11.26	\$19.33	\$8.50	\$10.83	\$0.41	2.2%
250	\$32.04	\$15.31	\$16.73	\$32.88	\$17.01	\$15.87	\$0.84	2.6%
500	\$58.23	\$30.62	\$27.61	\$59.91	\$34.01	\$25.90	\$1.68	2.9%
750	\$84.46	\$45.93	\$38.53	\$86.98	\$51.02	\$35.96	\$2.52	3.0%
1,000	\$110.65	\$61.24	\$49.41	\$114.01	\$68.02	\$45.99	\$3.36	3.0%
1,250	\$136.88	\$76.55	\$60.33	\$141.08	\$85.03	\$56.05	\$4.20	3.1%
1,500	\$163.07	\$91.86	\$71.21	\$168.11	\$102.03	\$66.08	\$5.04	3.1%
2,000	\$215.49	\$122.48	\$93.01	\$222.21	\$136.04	\$86.17	\$6.72	3.1%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$5.81		\$5.81
Distribution Charge	KWh x	\$0.02398		\$0.02462
Transition Charge	KWh x	\$0.01002		\$0.00632
Transmission Charge	KWh x	\$0.00660		\$0.00624
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Massachusetts Electric Company
Proposed January 1, 2004 Rates
Calculation of Monthly Typical Bill

Impact on R-1 Rate Customers (with Interruptible Credit #1)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Standard Service	Retail Delivery	Total	Proposed Rates Standard Service	Retail Delivery	Overall Increase (Decrease) Amount	%
250	\$26.52	\$15.31	\$11.21	\$27.37	\$17.01	\$10.36	\$0.85	3.2%
500	\$52.73	\$30.62	\$22.11	\$54.41	\$34.01	\$20.40	\$1.68	3.2%
750	\$78.94	\$45.93	\$33.01	\$81.47	\$51.02	\$30.45	\$2.53	3.2%
1,000	\$105.15	\$61.24	\$43.91	\$108.51	\$68.02	\$40.49	\$3.36	3.2%
1,250	\$131.36	\$76.55	\$54.81	\$135.57	\$85.03	\$50.54	\$4.21	3.2%
1,500	\$157.57	\$91.86	\$65.71	\$162.61	\$102.03	\$60.58	\$5.04	3.2%
2,000	\$209.99	\$122.48	\$87.51	\$216.71	\$136.04	\$80.67	\$6.72	3.2%
2,500	\$262.41	\$153.10	\$109.31	\$270.81	\$170.05	\$100.76	\$8.40	3.2%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$5.81			\$5.81
Distribution Charge	KWh x	\$0.02398			\$0.02462
Transition Charge	KWh x	\$0.01002			\$0.00632
Transmission Charge	KWh x	\$0.00660			\$0.00624
Interruptible Credit #1		(\$5.50)			(\$5.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124			\$0.06802
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Massachusetts Electric Company
Proposed January 1, 2004 Rates
Calculation of Monthly Typical Bill

Impact on R-1 Rate Customers (with Interruptible Credit #2)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
250	\$24.52	\$15.31	\$9.21	\$25.37	\$17.01	\$8.36	\$0.85	3.5%
500	\$50.73	\$30.62	\$20.11	\$52.41	\$34.01	\$18.40	\$1.68	3.3%
750	\$76.94	\$45.93	\$31.01	\$79.47	\$51.02	\$28.45	\$2.53	3.3%
1,000	\$103.15	\$61.24	\$41.91	\$106.51	\$68.02	\$38.49	\$3.36	3.3%
1,250	\$129.36	\$76.55	\$52.81	\$133.57	\$85.03	\$48.54	\$4.21	3.3%
1,500	\$155.57	\$91.86	\$63.71	\$160.61	\$102.03	\$58.58	\$5.04	3.2%
2,000	\$207.99	\$122.48	\$85.51	\$214.71	\$136.04	\$78.67	\$6.72	3.2%
2,500	\$260.41	\$153.10	\$107.31	\$268.81	\$170.05	\$98.76	\$8.40	3.2%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$5.81		\$5.81
Distribution Charge	KWh x	\$0.02398		\$0.02462
Transition Charge	KWh x	\$0.01002		\$0.00632
Transmission Charge	KWh x	\$0.00660		\$0.00624
Interruptible Credit #2		(\$7.50)		(\$7.50)
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Time: 07:31 AM

Massachusetts Electric Company
Proposed January 1, 2004 Rates
Calculation of Monthly Typical Bill

Massachusetts Electric Company
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Impact on R-2 Rate Customers

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
50	\$7.82	\$2.85	\$4.97	\$7.63	\$2.85	\$4.78	(\$0.19)	-2.4%
100	\$11.84	\$5.70	\$6.14	\$11.47	\$5.70	\$5.77	(\$0.37)	-3.1%
150	\$15.89	\$8.55	\$7.34	\$15.34	\$8.55	\$6.79	(\$0.55)	-3.5%
250	\$23.97	\$14.26	\$9.71	\$23.06	\$14.26	\$8.80	(\$0.91)	-3.8%
300	\$27.99	\$17.11	\$10.88	\$26.90	\$17.11	\$9.79	(\$1.09)	-3.9%
500	\$44.14	\$28.51	\$15.63	\$42.33	\$28.51	\$13.82	(\$1.81)	-4.1%
600	\$52.20	\$34.21	\$17.99	\$50.03	\$34.21	\$15.82	(\$2.17)	-4.2%
750	\$64.32	\$42.77	\$21.55	\$61.61	\$42.77	\$18.84	(\$2.71)	-4.2%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$3.77			\$3.77
Distribution Charge	KWh x	\$0.00359			\$0.00423
Transition Charge	KWh x	\$0.01051			\$0.00661
Transmission Charge	KWh x	\$0.00660			\$0.00624
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.05702			\$0.05702
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Massachusetts Electric Company
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Calculation of Monthly Typical Bill

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Impact on R-2 Rate Customers
With Interruptible Credit #1

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)		
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%	
300	\$22.49	\$17.11	\$5.38	\$21.40	\$17.11	\$4.29	(\$1.09)	-4.8%	
500	\$38.63	\$28.51	\$10.12	\$36.82	\$28.51	\$8.31	(\$1.81)	-4.7%	
600	\$46.70	\$34.21	\$12.49	\$44.53	\$34.21	\$10.32	(\$2.17)	-4.6%	
750	\$58.82	\$42.77	\$16.05	\$56.10	\$42.77	\$13.33	(\$2.72)	-4.6%	
900	\$70.92	\$51.32	\$19.60	\$67.66	\$51.32	\$16.34	(\$3.26)	-4.6%	
1,000	\$78.99	\$57.02	\$21.97	\$75.37	\$57.02	\$18.35	(\$3.62)	-4.6%	
1,500	\$119.35	\$85.53	\$33.82	\$113.92	\$85.53	\$28.39	(\$5.43)	-4.5%	
1,750	\$139.54	\$99.79	\$39.75	\$133.20	\$99.79	\$33.41	(\$6.34)	-4.5%	

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$3.77			\$3.77
Distribution Charge	KWh x	\$0.00359			\$0.00423
Transition Charge	KWh x	\$0.01051			\$0.00661
Transmission Charge	KWh x	\$0.00660			\$0.00624
Interruptible Credit #1		(\$5.50)			(\$5.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.05702			\$0.05702
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Massachusetts Electric Company
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Impact on R-2 Rate Customers
With Interruptible Credit #2

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
300	\$20.49	\$17.11	\$3.38	\$19.40	\$17.11	\$2.29	(\$1.09)	-5.3%
500	\$36.63	\$28.51	\$8.12	\$34.82	\$28.51	\$6.31	(\$1.81)	-4.9%
600	\$44.70	\$34.21	\$10.49	\$42.53	\$34.21	\$8.32	(\$2.17)	-4.9%
750	\$56.82	\$42.77	\$14.05	\$54.10	\$42.77	\$11.33	(\$2.72)	-4.8%
900	\$68.92	\$51.32	\$17.60	\$65.66	\$51.32	\$14.34	(\$3.26)	-4.7%
1,000	\$76.99	\$57.02	\$19.97	\$73.37	\$57.02	\$16.35	(\$3.62)	-4.7%
1,500	\$117.35	\$85.53	\$31.82	\$111.92	\$85.53	\$26.39	(\$5.43)	-4.6%
1,750	\$137.54	\$99.79	\$37.75	\$131.20	\$99.79	\$31.41	(\$6.34)	-4.6%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$3.77			\$3.77
Distribution Charge	KWh x	\$0.00359			\$0.00423
Transition Charge	KWh x	\$0.01051			\$0.00661
Transmission Charge	KWh x	\$0.00660			\$0.00624
Interruptible Credit #2		(\$7.50)			(\$7.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.05702			\$0.05702
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Massachusetts Electric Company
Proposed January 1, 2004 Rates
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Impact on R-4 Rate Customers

KWh Split: - On-Peak 25%
- Off-Peak 75%

/----- (1) -----/ /----- (2) -----/ (1) vs (2)								
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
1,000	\$109.56	\$61.24	\$48.32	\$115.61	\$68.02	\$47.59	\$6.05	5.5%
1,500	\$154.73	\$91.86	\$62.87	\$163.81	\$102.03	\$61.78	\$9.08	5.9%
2,000	\$199.94	\$122.48	\$77.46	\$212.04	\$136.04	\$76.00	\$12.10	6.1%
3,000	\$290.28	\$183.72	\$106.56	\$308.43	\$204.06	\$104.37	\$18.15	6.3%
4,000	\$380.64	\$244.96	\$135.68	\$404.84	\$272.08	\$132.76	\$24.20	6.4%
5,000	\$471.00	\$306.20	\$164.80	\$501.25	\$340.10	\$161.15	\$30.25	6.4%
8,000	\$742.08	\$489.92	\$252.16	\$790.48	\$544.16	\$246.32	\$48.40	6.5%
10,000	\$922.82	\$612.40	\$310.42	\$983.32	\$680.20	\$303.12	\$60.50	6.6%

<u>Present Rates</u>			<u>Proposed Rates</u>	
Customer Charge		\$19.20		\$19.20
Distribution Charge: On Peak	KWh x	\$0.06057		\$0.06121
Distribution Charge: Off Peak	KWh x	\$0.00281		\$0.00345
Transition Charge: On Peak	KWh x	\$0.02363		\$0.01688
Transition Charge: Off Peak	KWh x	(\$0.00193)		(\$0.00084)
Transmission Charge: On Peak	KWh x	\$0.00441		\$0.00391
Transmission Charge: Off Peak	KWh x	\$0.00441		\$0.00391
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Massachusetts Electric Company
Proposed January 1, 2004 Rates
Calculation of Monthly Typical Bill

Impact on R-4 Rate Customers

KWh Split: - On-Peak 30%
 - Off-Peak 70%

Monthly KWh	/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
	Total	Present Rates Standard Service	Retail Delivery	Total	Proposed Rates Standard Service	Retail Delivery	Overall Increase (Decrease) Amount	%
1,000	\$113.73	\$61.24	\$52.49	\$119.38	\$68.02	\$51.36	\$5.65	5.0%
1,500	\$160.99	\$91.86	\$69.13	\$169.48	\$102.03	\$67.45	\$8.49	5.3%
2,000	\$208.25	\$122.48	\$85.77	\$219.57	\$136.04	\$83.53	\$11.32	5.4%
3,000	\$302.78	\$183.72	\$119.06	\$319.75	\$204.06	\$115.69	\$16.97	5.6%
4,000	\$397.30	\$244.96	\$152.34	\$419.94	\$272.08	\$147.86	\$22.64	5.7%
5,000	\$491.83	\$306.20	\$185.63	\$520.12	\$340.10	\$180.02	\$28.29	5.8%
8,000	\$775.41	\$489.92	\$285.49	\$820.67	\$544.16	\$276.51	\$45.26	5.8%
10,000	\$964.46	\$612.40	\$352.06	\$1,021.04	\$680.20	\$340.84	\$56.58	5.9%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$19.20	\$19.20
Distribution Charge: On Peak	KWh x	\$0.06057	\$0.06121
Distribution Charge: Off Peak	KWh x	\$0.00281	\$0.00345
Transition Charge: On Peak	KWh x	\$0.02363	\$0.01688
Transition Charge: Off Peak	KWh x	(\$0.00193)	(\$0.00084)
Transmission Charge: On Peak	KWh x	\$0.00441	\$0.00391
Transmission Charge: Off Peak	KWh x	\$0.00441	\$0.00391
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Impact on R-4 Rate Customers

KWh Split: - On-Peak 40%
 - Off-Peak 60%

		/----- (1) -----/		----- (2) -----/			(1) vs (2)	
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
1,000	\$122.06	\$61.24	\$60.82	\$126.93	\$68.02	\$58.91	\$4.87	4.0%
1,500	\$173.49	\$91.86	\$81.63	\$180.80	\$102.03	\$78.77	\$7.31	4.2%
2,000	\$224.92	\$122.48	\$102.44	\$234.66	\$136.04	\$98.62	\$9.74	4.3%
3,000	\$327.77	\$183.72	\$144.05	\$342.40	\$204.06	\$138.34	\$14.63	4.5%
4,000	\$430.63	\$244.96	\$185.67	\$450.13	\$272.08	\$178.05	\$19.50	4.5%
5,000	\$533.49	\$306.20	\$227.29	\$557.86	\$340.10	\$217.76	\$24.37	4.6%
8,000	\$842.06	\$489.92	\$352.14	\$881.06	\$544.16	\$336.90	\$39.00	4.6%
10,000	\$1,047.78	\$612.40	\$435.38	\$1,096.52	\$680.20	\$416.32	\$48.74	4.7%

<u>Present Rates</u>			<u>Proposed Rates</u>	
Customer Charge		\$19.20		\$19.20
Distribution Charge: On Peak	KWh x	\$0.06057		\$0.06121
Distribution Charge: Off Peak	KWh x	\$0.00281		\$0.00345
Transition Charge: On Peak	KWh x	\$0.02363		\$0.01688
Transition Charge: Off Peak	KWh x	(\$0.00193)		(\$0.00084)
Transmission Charge: On Peak	KWh x	\$0.00441		\$0.00391
Transmission Charge: Off Peak	KWh x	\$0.00441		\$0.00391
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Massachusetts Electric Company
Proposed January 1, 2004 Rates
Calculation of Monthly Typical Bill

Impact on G-1 Rate Customers

		/------(1)-----/		/------(2)-----/		/------(1) vs (2)-----/		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
50	\$14.24	\$3.06	\$11.18	\$14.42	\$3.40	\$11.02	\$0.18	1.3%
100	\$20.14	\$6.12	\$14.02	\$20.51	\$6.80	\$13.71	\$0.37	1.8%
250	\$37.88	\$15.31	\$22.57	\$38.80	\$17.01	\$21.79	\$0.92	2.4%
500	\$67.43	\$30.62	\$36.81	\$69.26	\$34.01	\$35.25	\$1.83	2.7%
1,000	\$126.52	\$61.24	\$65.28	\$130.17	\$68.02	\$62.15	\$3.65	2.9%
2,500	\$303.83	\$153.10	\$150.73	\$312.96	\$170.05	\$142.91	\$9.13	3.0%
5,000	\$599.32	\$306.20	\$293.12	\$617.57	\$340.10	\$277.47	\$18.25	3.0%
7,500	\$894.83	\$459.30	\$435.53	\$922.21	\$510.15	\$412.06	\$27.38	3.1%

<u>Present Rates</u>			<u>Proposed Rates</u>	
Customer Charge		\$8.32		\$8.32
Distribution Charge	KWh x	\$0.03739		\$0.03803
Transition Charge	KWh x	\$0.00972		\$0.00595
Transmission Charge	KWh x	\$0.00685		\$0.00685
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Impact on G-2 Rate Customers

Hours Use: 200

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	3,000	\$353.45	\$183.72	\$169.73	\$362.57	\$204.06	\$158.51	\$9.12	2.6%
20	4,000	\$466.19	\$244.96	\$221.23	\$478.35	\$272.08	\$206.27	\$12.16	2.6%
40	8,000	\$917.15	\$489.92	\$427.23	\$941.47	\$544.16	\$397.31	\$24.32	2.7%
75	15,000	\$1,706.33	\$918.60	\$787.73	\$1,751.93	\$1,020.30	\$731.63	\$45.60	2.7%
150	30,000	\$3,397.43	\$1,837.20	\$1,560.23	\$3,488.63	\$2,040.60	\$1,448.03	\$91.20	2.7%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.67
Distribution Charge	KWh x	\$0.00034	\$0.00098
Transition Charge	KWh x	\$0.00734	\$0.00472
Transmission Charge	KWh x	\$0.00632	\$0.00611
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Impact on G-2 Rate Customers

Hours Use: 250

		/----- (1) -----/			/----- (2) -----/			-----/ (1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	3,750	\$412.15	\$229.65	\$182.50	\$424.71	\$255.08	\$169.63	\$12.56	3.0%
20	5,000	\$544.43	\$306.20	\$238.23	\$561.18	\$340.10	\$221.08	\$16.75	3.1%
40	10,000	\$1,073.63	\$612.40	\$461.23	\$1,107.13	\$680.20	\$426.93	\$33.50	3.1%
75	18,750	\$1,999.75	\$1,148.25	\$851.50	\$2,062.56	\$1,275.38	\$787.18	\$62.81	3.1%
150	37,500	\$3,984.23	\$2,296.50	\$1,687.73	\$4,109.86	\$2,550.75	\$1,559.11	\$125.63	3.2%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$15.23			\$15.23
Distribution Demand Charge	KW x	\$5.92			\$5.92
Transition Demand Charge	KW x	\$0.98			\$0.67
Distribution Charge	KWh x	\$0.00034			\$0.00098
Transition Charge	KWh x	\$0.00734			\$0.00472
Transmission Charge	KWh x	\$0.00632			\$0.00611
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124			\$0.06802
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Massachusetts Electric Company
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Impact on G-2 Rate Customers

Hours Use: 300

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	4,500	\$470.81	\$275.58	\$195.23	\$486.82	\$306.09	\$180.73	\$16.01	3.4%
20	6,000	\$622.67	\$367.44	\$255.23	\$644.01	\$408.12	\$235.89	\$21.34	3.4%
40	12,000	\$1,230.11	\$734.88	\$495.23	\$1,272.79	\$816.24	\$456.55	\$42.68	3.5%
75	22,500	\$2,293.13	\$1,377.90	\$915.23	\$2,373.16	\$1,530.45	\$842.71	\$80.03	3.5%
150	45,000	\$4,571.03	\$2,755.80	\$1,815.23	\$4,731.08	\$3,060.90	\$1,670.18	\$160.05	3.5%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$15.23			\$15.23
Distribution Demand Charge	KW x	\$5.92			\$5.92
Transition Demand Charge	KW x	\$0.98			\$0.67
Distribution Charge	KWh x	\$0.00034			\$0.00098
Transition Charge	KWh x	\$0.00734			\$0.00472
Transmission Charge	KWh x	\$0.00632			\$0.00611
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124			\$0.06802
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Impact on G-2 Rate Customers

Hours Use: 350

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	5,250	\$529.51	\$321.51	\$208.00	\$548.96	\$357.11	\$191.85	\$19.45	3.7%
20	7,000	\$700.91	\$428.68	\$272.23	\$726.84	\$476.14	\$250.70	\$25.93	3.7%
40	14,000	\$1,386.59	\$857.36	\$529.23	\$1,438.45	\$952.28	\$486.17	\$51.86	3.7%
75	26,250	\$2,586.55	\$1,607.55	\$979.00	\$2,683.79	\$1,785.53	\$898.26	\$97.24	3.8%
150	52,500	\$5,157.83	\$3,215.10	\$1,942.73	\$5,352.31	\$3,571.05	\$1,781.26	\$194.48	3.8%

		Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.67
Distribution Charge	KWh x	\$0.00034	\$0.00098
Transition Charge	KWh x	\$0.00734	\$0.00472
Transmission Charge	KWh x	\$0.00632	\$0.00611
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Impact on G-2 Rate Customers

Hours Use: 400

		/----- (1) -----/			/----- (2) -----/			-----/ (1) vs (2)	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	6,000	\$588.17	\$367.44	\$220.73	\$611.06	\$408.12	\$202.94	\$22.89	3.9%
20	8,000	\$779.15	\$489.92	\$289.23	\$809.67	\$544.16	\$265.51	\$30.52	3.9%
40	16,000	\$1,543.07	\$979.84	\$563.23	\$1,604.11	\$1,088.32	\$515.79	\$61.04	4.0%
75	30,000	\$2,879.93	\$1,837.20	\$1,042.73	\$2,994.38	\$2,040.60	\$953.78	\$114.45	4.0%
150	60,000	\$5,744.63	\$3,674.40	\$2,070.23	\$5,973.53	\$4,081.20	\$1,892.33	\$228.90	4.0%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.67
Distribution Charge	KWh x	\$0.00034	\$0.00098
Transition Charge	KWh x	\$0.00734	\$0.00472
Transmission Charge	KWh x	\$0.00632	\$0.00611
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Date: 23-Dec-03
Time: 07:31 AM

Massachusetts Electric Company
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Calculation of Monthly Typical Bill

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Impact on G-2 Rate Customers

Hours Use: 450

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	6,750	\$646.87	\$413.37	\$233.50	\$673.20	\$459.14	\$214.06	\$26.33	4.1%
20	9,000	\$857.39	\$551.16	\$306.23	\$892.50	\$612.18	\$280.32	\$35.11	4.1%
40	18,000	\$1,699.55	\$1,102.32	\$597.23	\$1,769.77	\$1,224.36	\$545.41	\$70.22	4.1%
75	33,750	\$3,173.35	\$2,066.85	\$1,106.50	\$3,305.01	\$2,295.68	\$1,009.33	\$131.66	4.1%
150	67,500	\$6,331.43	\$4,133.70	\$2,197.73	\$6,594.76	\$4,591.35	\$2,003.41	\$263.33	4.2%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$15.23		\$15.23	
Distribution Demand Charge	KW x	\$5.92		\$5.92	
Transition Demand Charge	KW x	\$0.98		\$0.67	
Distribution Charge	KWh x	\$0.00034		\$0.00098	
Transition Charge	KWh x	\$0.00734		\$0.00472	
Transmission Charge	KWh x	\$0.00632		\$0.00611	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Standard Service Charge	KWh x	\$0.06124		\$0.06802	
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Massachusetts Electric Company
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Calculation of Monthly Typical Bill

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Impact on G-3 Rate Customers

Hours Use: 250

KWh Split: - On-Peak 55%
- Off-Peak 45%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	150,000	\$15,332.70	\$9,186.00	\$6,146.70	\$15,743.70	\$10,203.00	\$5,540.70	\$411.00	2.7%
800	200,000	\$20,421.17	\$12,248.00	\$8,173.17	\$20,969.17	\$13,604.00	\$7,365.17	\$548.00	2.7%
1,000	250,000	\$25,509.65	\$15,310.00	\$10,199.65	\$26,194.65	\$17,005.00	\$9,189.65	\$685.00	2.7%
1,500	375,000	\$38,230.83	\$22,965.00	\$15,265.83	\$39,258.33	\$25,507.50	\$13,750.83	\$1,027.50	2.7%
3,000	750,000	\$76,394.40	\$45,930.00	\$30,464.40	\$78,449.40	\$51,015.00	\$27,434.40	\$2,055.00	2.7%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.14
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01081
Distribution Charge: Off Peak	KWh x	(\$0.00052)	\$0.00012
Transition Charge	KWh x	\$0.00567	\$0.00320
Transmission Charge	KWh x	\$0.00538	\$0.00521
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Massachusetts Electric Company
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Impact on G-3 Rate Customers

Hours Use: 300

KWh Split: - On-Peak 50%
- Off-Peak 50%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	180,000	\$17,655.97	\$11,023.20	\$6,632.77	\$18,210.37	\$12,243.60	\$5,966.77	\$554.40	3.1%
800	240,000	\$23,518.87	\$14,697.60	\$8,821.27	\$24,258.07	\$16,324.80	\$7,933.27	\$739.20	3.1%
1,000	300,000	\$29,381.77	\$18,372.00	\$11,009.77	\$30,305.77	\$20,406.00	\$9,899.77	\$924.00	3.1%
1,500	450,000	\$44,039.02	\$27,558.00	\$16,481.02	\$45,425.02	\$30,609.00	\$14,816.02	\$1,386.00	3.1%
3,000	900,000	\$88,010.77	\$55,116.00	\$32,894.77	\$90,782.77	\$61,218.00	\$29,564.77	\$2,772.00	3.1%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.14
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01081
Distribution Charge: Off Peak	KWh x	(\$0.00052)	\$0.00012
Transition Charge	KWh x	\$0.00567	\$0.00320
Transmission Charge	KWh x	\$0.00538	\$0.00521
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Massachusetts Electric Company
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Impact on G-3 Rate Customers

Hours Use: 350

KWh Split: - On-Peak 50%
- Off-Peak 50%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	210,000	\$20,059.42	\$12,860.40	\$7,199.02	\$20,757.22	\$14,284.20	\$6,473.02	\$697.80	3.5%
800	280,000	\$26,723.47	\$17,147.20	\$9,576.27	\$27,653.87	\$19,045.60	\$8,608.27	\$930.40	3.5%
1,000	350,000	\$33,387.52	\$21,434.00	\$11,953.52	\$34,550.52	\$23,807.00	\$10,743.52	\$1,163.00	3.5%
1,500	525,000	\$50,047.65	\$32,151.00	\$17,896.65	\$51,792.15	\$35,710.50	\$16,081.65	\$1,744.50	3.5%
3,000	1,050,000	\$100,028.02	\$64,302.00	\$35,726.02	\$103,517.02	\$71,421.00	\$32,096.02	\$3,489.00	3.5%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.14
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01081
Distribution Charge: Off Peak	KWh x	(\$0.00052)	\$0.00012
Transition Charge	KWh x	\$0.00567	\$0.00320
Transmission Charge	KWh x	\$0.00538	\$0.00521
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Massachusetts Electric Company
Proposed January 1, 2004 Rates
Calculation of Monthly Typical Bill

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Impact on G-3 Rate Customers

Hours Use: 400

KWh Split: - On-Peak 45%
- Off-Peak 55%

		/----- (1) -----/			/----- (2) -----/			-----/ (1) vs (2)	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	240,000	\$22,334.59	\$14,697.60	\$7,636.99	\$23,175.79	\$16,324.80	\$6,850.99	\$841.20	3.8%
800	320,000	\$29,757.03	\$19,596.80	\$10,160.23	\$30,878.63	\$21,766.40	\$9,112.23	\$1,121.60	3.8%
1,000	400,000	\$37,179.47	\$24,496.00	\$12,683.47	\$38,581.47	\$27,208.00	\$11,373.47	\$1,402.00	3.8%
1,500	600,000	\$55,735.57	\$36,744.00	\$18,991.57	\$57,838.57	\$40,812.00	\$17,026.57	\$2,103.00	3.8%
3,000	1,200,000	\$111,403.87	\$73,488.00	\$37,915.87	\$115,609.87	\$81,624.00	\$33,985.87	\$4,206.00	3.8%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.14
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01081
Distribution Charge: Off Peak	KWh x	(\$0.00052)	\$0.00012
Transition Charge	KWh x	\$0.00567	\$0.00320
Transmission Charge	KWh x	\$0.00538	\$0.00521
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Date: 23-Dec-03
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Massachusetts Electric Company
Proposed January 1, 2004 Rates
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Impact on G-3 Rate Customers

Hours Use: 450

KWh Split: - On-Peak 45%
- Off-Peak 55%

		/----- (1) -----/			/----- (2) -----/			----- (1) vs (2) -----	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	270,000	\$24,722.01	\$16,534.80	\$8,187.21	\$25,706.61	\$18,365.40	\$7,341.21	\$984.60	4.0%
800	360,000	\$32,940.25	\$22,046.40	\$10,893.85	\$34,253.05	\$24,487.20	\$9,765.85	\$1,312.80	4.0%
1,000	450,000	\$41,158.50	\$27,558.00	\$13,600.50	\$42,799.50	\$30,609.00	\$12,190.50	\$1,641.00	4.0%
1,500	675,000	\$61,704.11	\$41,337.00	\$20,367.11	\$64,165.61	\$45,913.50	\$18,252.11	\$2,461.50	4.0%
3,000	1,350,000	\$123,340.95	\$82,674.00	\$40,666.95	\$128,263.95	\$91,827.00	\$36,436.95	\$4,923.00	4.0%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.14
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01081
Distribution Charge: Off Peak	KWh x	(\$0.00052)	\$0.00012
Transition Charge	KWh x	\$0.00567	\$0.00320
Transmission Charge	KWh x	\$0.00538	\$0.00521
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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Massachusetts Electric Company
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Impact on G-3 Rate Customers

Hours Use: 500

KWh Split: - On-Peak 45%
- Off-Peak 55%

		(1)			(2)			(1) vs (2)	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	300,000	\$27,109.42	\$18,372.00	\$8,737.42	\$28,237.42	\$20,406.00	\$7,831.42	\$1,128.00	4.2%
800	400,000	\$36,123.47	\$24,496.00	\$11,627.47	\$37,627.47	\$27,208.00	\$10,419.47	\$1,504.00	4.2%
1,000	500,000	\$45,137.52	\$30,620.00	\$14,517.52	\$47,017.52	\$34,010.00	\$13,007.52	\$1,880.00	4.2%
1,500	750,000	\$67,672.65	\$45,930.00	\$21,742.65	\$70,492.65	\$51,015.00	\$19,477.65	\$2,820.00	4.2%
3,000	1,500,000	\$135,278.02	\$91,860.00	\$43,418.02	\$140,918.02	\$102,030.00	\$38,888.02	\$5,640.00	4.2%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.14
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01081
Distribution Charge: Off Peak	KWh x	(\$0.00052)	\$0.00012
Transition Charge	KWh x	\$0.00567	\$0.00320
Transmission Charge	KWh x	\$0.00538	\$0.00521
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Standard Service Charge	KWh x	\$0.06124	\$0.06802
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MASSACHUSETTS ELECTRIC COMPANY
NANTUCKET ELECTRIC COMPANY
Docket No. D.T.E. 03-126
Supplemental Filing
Witness: Burns

Exhibit TMB-7
Proposed Tariff Pages - Clean

MASSACHUSETTS ELECTRIC COMPANY

Residential Regular R-1
M.D.T.E. No. 1018

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.462¢	
<u>Transmission Charge per kWh</u>	0.624¢	
<u>Transition Charge per kWh</u>	0.632¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Interruptible Credits

IC-1	\$5.50
IC-2	\$7.50
IC-3 (billing months of July, Aug., Sept., Oct. only)	\$6.00
IC-4 (billing months of July, Aug., Sept., Oct. only)	\$6.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

MASSACHUSETTS ELECTRIC COMPANY

EffectiveResidential Low Income R-2
M.D.T.E. No.1019

May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Exogenous FactorJanuary 1, 2004
November 1, 2003
January 1, 2004
January 1, 2004
January 1, 2004Monthly Charge as AdjustedRates for Retail Delivery Service

<u>Customer Charge</u>	\$3.77	
<u>Distribution Charge per kWh (1)</u>	0.423¢	
<u>Transmission Charge per kWh</u>	0.624¢	
<u>Transition Charge per kWh</u>	0.661¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.702¢	
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Interruptible Credit

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 1033

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$19.20	
<u>Metering Charge</u>	If applicable	
<u>Distribution Charge per kWh (1)</u>		
Peak Hours Use	6.121¢	
Off-Peak Hours Use	0.345¢	
<u>Transmission Charge per kWh</u>	0.391¢	
<u>Transition Charge per kWh</u>		
Peak Hours Use	1.688¢	
Off-Peak Hours Use	(0.084¢)	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

MASSACHUSETTS ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1
M.D.T.E. No. 1021

Effective

May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as AdjustedRates for Retail Delivery Service

<u>Customer Charge</u>	\$8.32	
<u>Location Service Charge</u> - For allowed unmetered service	\$6.48	
<u>Distribution Charge per kWh</u> (1)	3.803¢	
<u>Transmission Charge per kWh</u>	0.685¢	
<u>Transition Charge per kWh</u>	0.595¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢
<u>Default Service Charge per kWh</u>	Per Tariff for Default Service

Minimum Charge - The applicable monthly Customer Charge or Location Service Charge, provided,
however if the KVA transformer capacity needed to serve a customer exceeds 25 KVA,
the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.

Other Rate Clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

MASSACHUSETTS ELECTRIC COMPANY

General Service - Demand G-2
M.D.T.E. No. 1022

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$15.23	
<u>Distribution Demand Charge per kW</u>	\$5.92	
<u>Distribution Energy Charge per kWh (1)</u>	0.098¢	
<u>Transition Demand Charge per kW (2)</u>	\$0.67	
<u>Transition Charge per kWh (3)</u>	0.472¢	
<u>Transmission Charge per kWh</u>	0.611¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$2.46) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.416¢) per kWh and Transition Adjustment Factor of 0.069¢ per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Time-of-Use - G-3
M.D.T.E. No. 1023

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$67.27	
<u>Distribution Demand Charge per kW</u>	\$3.63	
<u>Distribution Energy Charge per kWh (1)</u>		
Peak Hours Use	1.081¢	
Off-Peak Hours Use	0.012¢	
<u>Transition Charge per kW (2)</u>	\$1.14	
<u>Transition Charge per kWh (3)</u>	0.320¢	
<u>Transmission Charge per kWh</u>	0.521¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$4.12) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.196) per kWh and Transition Adjustment Factor of (0.020¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-1
M.D.T.E. No. 1054

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Exogenous Factor	January 1, 2004

<u>Luminaire</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Type/Lumens</u>			
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2
M.D.T.E. No. 1025Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Exogenous Factor	January 1, 2004

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000	113	561
8,000	114	908
22,000	115	1,897
22,000 FL	117	1,897
63,000	116	4,569
63,000 FL	118	4,569
<u>Sodium Vapor</u>		
4,000	100	248
5,800	101	349
9,600	102	490
16,000	104	714
27,500	105	1,284
27,500 FL	108	1,255
27,500 (12 Hr.)	111	1,314
27,500 (24 Hr.)	112	2,628
50,000	106	1,968
50,000 FL	109	1,968
140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3
M.D.T.E. No. 1055Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Exogenous Factor	January 1, 2004

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03, 30	561
8,000	04, 31	908
22,000	05, 33	1,897
63,000	06	4,569
<u>Sodium Vapor</u>		
4,000	70, 53	248
5,800	51	349
9,600	72, 52	490
27,500	74, 36	1,284
50,000	75, 37	1,968
140,000	76, 38	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - CUSTOMER OWNED EQUIPMENT S-5
M.D.T.E. No. 1027

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Exogenous Factor	January 1, 2004

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Incandescent</u>		
1,000	10	440
2,500	11	845
6,000	13	1,872
10,000	14	2,591
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03	561
8,000	04	908
11,000	16	1,248
22,000	05	1,897
63,000	06	4,569
22,000 FL	23	1,897
63,000 FL	24	4,569
<u>Sodium Vapor</u>		
4,000	70, 83	248
5,800	71	349
9,600	72, 79	490
13,000 (Retrofit)	41	758
16,000	73	714
27,500	74	1,284
27,500 FL	77	1,255
27,500 (12 Hr.)	81	1,314
27,500 (24 Hr.)	82	2,628
50,000	75	1,968
50,000 FL	78	1,968
140,000	76	4,578

The distribution rate as shown in the retail delivery service rate section will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, a Standard Service Charge of 6.802¢ per kWh or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20
M.D.T.E. No. 1056Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Exogenous Factor	January 1, 2004

<u>Luminaire</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Type/Lumens</u>			
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

Residential Regular R-1
M.D.T.E. No. 439

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Adjustment for Cable Facilities Surcharge	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.462¢	
<u>Transmission Charge per kWh</u>	0.624¢	
<u>Transition Charge per kWh</u>	0.632¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	1.951¢	
Winter	1.210¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Interruptible Credits

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

NANTUCKET ELECTRIC COMPANY

Residential Low Income R-2
M.D.T.E. No. 440

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	November 1, 2003
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Adjustment for Cable Facilities Surcharge	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$3.77	
<u>Distribution Charge per kWh (1)</u>	0.423¢	
<u>Transmission Charge per kWh</u>	0.624¢	
<u>Transition Charge per kWh</u>	0.661¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	1.749¢	
Winter	1.159¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.702¢	
<u>Default Service Charge per kWh</u>		per Tariff for Default Service

Interruptible Credit

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

NANTUCKET ELECTRIC COMPANY

Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 451

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Adjustment for Cable Facilities Surcharge	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$19.20	
<u>Metering Charge</u>	If applicable	
<u>Distribution Charge per kWh (1)</u>		
Peak Hours Use	6.121¢	
Off-Peak Hours Use	0.345¢	
<u>Transmission Charge per kWh</u>	0.391¢	
<u>Transition Charge per kWh</u>		
Peak Hours Use	1.688¢	
Off-Peak Hours Use	(0.084¢)	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	0.000¢	
Winter	0.000¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

NANTUCKET ELECTRIC COMPANY

Limited Residential Electric Space Heating Rate E
M.D.T.E. No. 442

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Adjustment for Cable Facilities Surcharge	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.462¢	
<u>Transmission Charge per kWh</u>	0.624¢	
<u>Transition Charge per kWh</u>	0.632¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.064¢	
Winter	0.674¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

NANTUCKET ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1
M.D.T.E. No. 443

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Adjustment for Cable Facilities Surcharge	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$8.32	
<u>Location Service Charge</u> - Allowed unmetered service	\$6.48	
<u>Distribution Charge per kWh (1)</u>	3.803¢	
<u>Transmission Charge per kWh</u>	0.685¢	
<u>Transition Charge per kWh</u>	0.595¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.064¢	
Winter	1.911¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢	
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	
<u>Minimum Charge</u> -	The applicable monthly Customer Charge or Location Service Charge, <u>provided, however</u> if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.	

Other Rate Clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

NANTUCKET ELECTRIC COMPANY

General Service - Demand G-2
M.D.T.E. No. 444

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Adjustment for Cable Facilities Surcharge	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$15.23	
<u>Distribution Demand Charge per kW</u>	\$5.92	
<u>Distribution Energy Charge per kWh (1)</u>	0.098¢	
<u>Transition Charge per kW (2)</u>	\$0.67	
<u>Transition Charge per kWh (3)</u>	0.472¢	
<u>Transmission Charge per kWh</u>	0.611¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.665¢	
Winter	2.311¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$2.46) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.416¢) per kWh and Transition Adjustment Factor of 0.069¢ per kWh.

NANTUCKET ELECTRIC COMPANY

Time-of-Use - G-3
M.D.T.E. No. 445

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Adjustment for Cable Facilities Surcharge	January 1, 2004
Exogenous Factor	January 1, 2004

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$67.27	
<u>Distribution Demand Charge per kW</u>	\$3.63	
<u>Distribution Energy Charge per kWh (1)</u>		
Peak Hours Use	1.081¢	
Off-Peak Hours Use	0.012¢	
<u>Transition Charge per kW (2)</u>	\$1.14	
<u>Transition Charge per kWh (3)</u>	0.320¢	
<u>Transmission Charge per kWh</u>	0.521¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	1.886¢	
Winter	1.622¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$4.12) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.196¢) per kWh and Transition Adjustment Factor of (0.020¢) per kWh.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING COMPANY-OWNED EQUIPMENT - S-1
M.D.T.E. No. 460

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Adjustment for Cable Facilities Surcharge	January 1, 2004
Exogenous Factor	January 1, 2004

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Incandescent</u> 1,000	10	440
2,500	11	845
<u>Mercury Vapor</u> 4,000 PT	01	561
8,000 PT	02	908
4,000	03	561
8,000	04	908
11,000	16	1,248
22,000	05	1,897
63,000	06	4,569
22,000 FL	23	1,897
63,000 FL	24	4,569
<u>Sodium Vapor</u> 4,000	70, 83	248
5,800	71	349
9,600	72, 79	490
13,000 (Retrofit)	41	758
16,000	73	714
27,500	74	1,284
27,500 FL	77	1,255
27,500 (12 Hr.)	81	1,314
27,500 (24 Hr.)	82	2,628
50,000	75	1,968
50,000 FL	78	1,968
140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Cable Facilities Surcharge of 0.442¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2
M.D.T.E. No. 447

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Adjustment for Cable Facilities Surcharge	January 1, 2004
Exogenous Factor	January 1, 2004

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Mercury Vapor</u> 4,000	113	561
8,000	114	908
22,000	115	1,897
22,000 FL	117	1,897
63,000	116	4,569
63,000 FL	118	4,569
 <u>Sodium Vapor</u> 4,000	100	248
5,800	101	349
9,600	102	490
16,000	104	714
27,500	105	1,284
27,500 FL	108	1,255
27,500 (12 Hr.)	111	1,314
27,500 (24 Hr.)	112	2,628
50,000	106	1,968
50,000 FL	109	1,968
140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢, a Cable Facilities Surcharge of 0.442¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3
M.D.T.E. No. 461

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2004
Standard Service Cost Adjustment	January 1, 2004
Transmission Service Cost Adjustment	January 1, 2004
Default Service Adjustment	January 1, 2004
Adjustment for Cable Facilities Surcharge	January 1, 2004
Exogenous Factor	January 1, 2004

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03, 30	561
8,000	04, 31	908
22,000	05, 33	1,897
63,000	06	4,569
<u>Sodium Vapor</u>		
4,000	70, 53	248
5,800	51	349
9,600	72, 52	490
27,500	74, 36	1,284
50,000	75, 37	1,968
140,000	76, 38	4,578

The luminaire cost as shown in the n Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Cable Facilities Surcharge of 0.442¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY
NANTUCKET ELECTRIC COMPANY
Docket No. D.T.E. 03-126
Supplemental Filing
Witness: Burns

Exhibit TMB-8
Proposed Tariff Pages - Marked to Show Changes

MASSACHUSETTS ELECTRIC COMPANY

Residential Regular R-1
M.D.T.E. No. 1018Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Exogenous FactorJanuary 1, 2004
~~January 1, 2004~~
January 1, 2004
January 1, 2004
~~January 1, 2004~~**Deleted:** 3
Deleted: September 1, 2003
Deleted: 3
Deleted: 3Monthly Charge as AdjustedRates for Retail Delivery ServiceCustomer Charge \$5.81Distribution Charge per kWh (1) 2.462¢**Deleted:** 398Transmission Charge per kWh 0.624¢**Deleted:** 60Transition Charge per kWh 0.632¢**Deleted:** 1.002Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003Renewables Charge per kWh 0.050¢ effective January 1, 2003Rates for Supplier ServiceStandard Service Charge per kWh 6.802¢**Deleted:** 124Default Service Charge per kWh per Tariff for Default ServiceInterruptible Credits

IC-1 \$5.50

IC-2 \$7.50

IC-3 (billing months of July, Aug., Sept., Oct. only) \$6.00

IC-4 (billing months of July, Aug., Sept., Oct. only) \$6.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.**Deleted:** 10
Deleted: Standard Service Cost Adjustment
Deleted: (
Deleted: 62
Deleted:)

MASSACHUSETTS ELECTRIC COMPANY

Residential Low Income R-2
M.D.T.E. No.1019Effective

May 1, 2000

Adjusted By:

Transition Cost Adjustment
 Standard Service Cost Adjustment
 Transmission Service Cost Adjustment
 Default Service Adjustment
Exogenous Factor

January 1, 200~~4~~
 November 1, 2003
 January 1, 200~~4~~
 January 1, 200~~4~~
January 1, 2004

Deleted: 3**Deleted:** 3**Deleted:** 3Monthly Charge as AdjustedRates for Retail Delivery Service

Customer Charge \$3.77

Distribution Charge per kWh (1) 0.4~~23~~¢**Deleted:** 359Transmission Charge per kWh 0.6~~24~~¢**Deleted:** 60Transition Charge per kWh 0.6~~61~~¢**Deleted:** 1.051

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003

Renewables Charge per kWh 0.050¢ effective January 1, 2003

Rates for Supplier Service

Standard Service Charge per kWh 5.702¢

Default Service Charge per kWh per Tariff for Default Service

Interruptible Credit

IC-1 \$5.50

IC-2 \$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.00~~2~~¢) per kWh and an Exogenous Factor of 0.01~~4~~¢ per kWh.**Deleted:** 10**Deleted:** Standard Service Cost Adjustment**Deleted:** (**Deleted:** 62**Deleted:**)

MASSACHUSETTS ELECTRIC COMPANY

Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 1033Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment
 Standard Service Cost Adjustment
 Transmission Service Cost Adjustment
 Default Service Adjustment
Exogenous Factor

January 1, 2004
~~January 1, 2004~~
 January 1, 2004
 January 1, 2004
~~January 1, 2004~~

Deleted: 3
Deleted: September
Deleted: 3
Deleted: 3
Deleted: 3

Monthly Charge as AdjustedRates for Retail Delivery ServiceCustomer Charge \$19.20Metering Charge If applicableDistribution Charge per kWh (1)

Peak Hours Use 6. ~~121~~¢
 Off-Peak Hours Use 0. ~~345~~¢

Deleted: 057
Deleted: 281

Transmission Charge per kWh 0. ~~391~~¢**Deleted:** 441Transition Charge per kWh

Peak Hours Use 1. ~~688~~¢
 Off-Peak Hours Use (0. ~~084~~¢)

Deleted: 2.363
Deleted: 193

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003Renewables Charge per kWh 0.050¢ effective January 1, 2003Rates for Supplier ServiceStandard Service Charge per kWh 6. ~~802~~¢**Deleted:** 124Default Service Charge per kWh per Tariff for Default ServiceMinimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0. ~~002~~¢) per kWh and an Exogenous Factor of 0. ~~014~~¢ per kWh.

Deleted: 10
Deleted: Standard Service Cost Adjustment
Deleted: (
Deleted: 62
Deleted:)

MASSACHUSETTS ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1
M.D.T.E. No. 1021

Effective

May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Exogenous Factor

January 1, 2004

January 1, 2004

January 1, 2004

January 1, 2004

January 1, 2004**Deleted:** 3**Deleted:** September**Deleted:** 3**Deleted:** 3**Deleted:** 3Monthly Charge as AdjustedRates for Retail Delivery Service

Customer Charge \$8.32

Location Service Charge - For allowed unmetered service \$6.48

Distribution Charge per kWh (1) 3.803¢

Deleted: 739

Transmission Charge per kWh 0.685¢

Transition Charge per kWh 0.595¢

Deleted: 972

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003

Renewables Charge per kWh 0.050¢ effective January 1, 2003

Rates for Supplier Service

Standard Service Charge per kWh 6.802¢

Deleted: 124

Default Service Charge per kWh Per Tariff for Default Service

Minimum Charge - The applicable monthly Customer Charge or Location Service Charge, provided, however if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.

Other Rate Clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

Deleted: 10**Deleted:** Standard Service Cost Adjustment**Deleted:** (**Deleted:** 62**Deleted:**)

MASSACHUSETTS ELECTRIC COMPANY

General Service - Demand G-2
M.D.T.E. No. 1022

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Exogenous Factor

January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004

Deleted: 3

Deleted: September

Deleted: 3

Deleted: 3

Deleted: 3

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$15.23	
<u>Distribution Demand Charge per kW</u>	\$5.92	
<u>Distribution Energy Charge per kWh (1)</u>	0.098¢	
<u>Transition Demand Charge per kW (2)</u>	\$0.67	
<u>Transition Charge per kWh (3)</u>	0.472¢	
<u>Transmission Charge per kWh</u>	0.611¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Deleted: 34

Deleted: 98

Deleted: 734

Deleted: 32

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢	
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Deleted: 124

Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.
(2) Includes Contract Termination Charge mitigation of (\$2.46) per kW.
(3) Includes Contract Termination Charge mitigation of (1.416¢) per kWh and Transition Adjustment Factor of 0.069¢ per kWh.

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Deleted: Standard Service Cost Adjustment

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Deleted: 62

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MASSACHUSETTS ELECTRIC COMPANY

Time-of-Use - G-3
M.D.T.E. No. 1023Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Exogenous Factor

January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004

Deleted: 3**Deleted:** September**Deleted:** 3**Deleted:** 3**Deleted:** 3Monthly Charge as AdjustedRates for Retail Delivery ServiceCustomer Charge \$67.27Distribution Demand Charge per kW \$3.63Distribution Energy Charge per kWh (1)

Peak Hours Use 1.081¢

Off-Peak Hours Use 0.012¢

Transition Charge per kW (2) \$1.14Transition Charge per kWh (3) 0.320¢Transmission Charge per kWh 0.521¢Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003Renewables Charge per kWh 0.050¢ effective January 1, 2003**Deleted:** 17**Deleted:** (**Deleted:** 5**Deleted:**)**Deleted:** 65**Deleted:** 567**Deleted:** 38Rates for Supplier ServiceStandard Service Charge per kWh 6.802¢ **Deleted:** 124Default Service Charge per kWh per Tariff for Default ServiceMinimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

(2) Includes Contract Termination Charge mitigation of (\$4.12) per kW.

(3) Includes Contract Termination Charge mitigation of (1.196) per kWh and Transition Adjustment Factor of (0.020¢) per kWh.

Deleted: 10**Deleted:** Standard Service Cost Adjustment**Deleted:** (**Deleted:** 62**Deleted:**)**Deleted:** 3.61**Deleted:** 046¢**Deleted:** 77

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-1
M.D.T.E. No. 1054Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Exogenous Factor

January 1, 2004
~~January 1, 2004~~
January 1, 2004
January 1, 2004
~~January 1, 2004~~

Deleted: 3
Deleted: September
Deleted: 3
Deleted: 3
Deleted: 3

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Incandescent</u>		
1,000	10	440
2,500	11	845
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03	561
8,000	04	908
11,000	16	1,248
22,000	05	1,897
63,000	06	4,569
22,000 FL	23	1,897
63,000 FL	24	4,569
<u>Sodium Vapor</u>		
4,000	70, 83	248
5,800	71	349
9,600	72, 79	490
13,000 (Retrofit)	41	758
16,000	73	714
27,500	74	1,284
27,500 FL	77	1,255
27,500 (12 Hr.)	81	1,314
27,500 (24 Hr.)	82	2,628
50,000	75	1,968
50,000 FL	78	1,968
140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service applied to monthly usage based on the annual kWh shown above. Also,

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003
Renewables Charge per kWh 0.050¢ effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

Deleted: 45
Deleted: 1.046
Deleted: 10
Deleted: Standard Service Cost Adjustment
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Deleted: 62
Deleted:)
Deleted: 124

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2
M.D.T.E. No. 1025Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
 Standard Service Cost Adjustment
 Transmission Service Cost Adjustment
 Default Service Adjustment
Exogenous Factor

January 1, 2004
~~January 1, 2004~~
 January 1, 2004
 January 1, 2004
~~January 1, 2004~~

Deleted: 3**Deleted:** September**Deleted:** 3**Deleted:** 3**Deleted:** 3Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000	113	561
8,000	114	908
22,000	115	1,897
22,000 FL	117	1,897
63,000	116	4,569
63,000 FL	118	4,569
<u>Sodium Vapor</u>		
4,000	100	248
5,800	101	349
9,600	102	490
16,000	104	714
27,500	105	1,284
27,500 FL	108	1,255
27,500 (12 Hr.)	111	1,314
27,500 (24 Hr.)	112	2,628
50,000	106	1,968
50,000 FL	109	1,968
140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003
Renewables Charge per kWh 0.050¢ effective January 1, 2003

Other Rate Clauses apply as usual.

Deleted: 45**Deleted:** 1.046**Deleted:** 10**Deleted:** Standard Service Cost Adjustment**Deleted:** (**Deleted:** 62**Deleted:**)**Deleted:** 124

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3
M.D.T.E. No. 1055Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
 Standard Service Cost Adjustment
 Transmission Service Cost Adjustment
 Default Service Adjustment
Exogenous Factor

January 1, 2004
~~January 1, 2004~~
 January 1, 2004
 January 1, 2004
~~January 1, 2004~~

Deleted: 3**Deleted:** September**Deleted:** 3**Deleted:** 3**Deleted:** 3

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03, 30	561
8,000	04, 31	908
22,000	05, 33	1,897
63,000	06	4,569
<u>Sodium Vapor</u>		
4,000	70, 53	248
5,800	51	349
9,600	72, 52	490
27,500	74, 36	1,284
50,000	75, 37	1,968
140,000	76, 38	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Deleted: 45**Deleted:** 1.046**Deleted:** Cost**Deleted:** 10**Deleted:** Standard Service Cost Adjustment**Deleted:** (**Deleted:** 62**Deleted:**)**Deleted:** 124

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - CUSTOMER OWNED EQUIPMENT S-5
M.D.T.E. No. 1027Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
 Standard Service Cost Adjustment
 Transmission Service Cost Adjustment
 Default Service Adjustment
Exogenous Factor

January 1, 2004
~~January 1, 2004~~
 January 1, 2004
 January 1, 2004
~~January 1, 2004~~

Deleted: 3**Deleted:** September**Deleted:** 3**Deleted:** 3**Deleted:** 3

<u>Luminaire</u> <u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Incandescent</u>		
1,000	10	440
2,500	11	845
6,000	13	1,872
10,000	14	2,591
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03	561
8,000	04	908
11,000	16	1,248
22,000	05	1,897
63,000	06	4,569
22,000 FL	23	1,897
63,000 FL	24	4,569
<u>Sodium Vapor</u>		
4,000	70, 83	248
5,800	71	349
9,600	72, 79	490
13,000 (Retrofit)	41	758
16,000	73	714
27,500	74	1,284
27,500 FL	77	1,255
27,500 (12 Hr.)	81	1,314
27,500 (24 Hr.)	82	2,628
50,000	75	1,968
50,000 FL	78	1,968
140,000	76	4,578

The distribution rate as shown in the retail delivery service rate section will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, a Standard Service Charge of 6.802¢ per kWh or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003
Renewables Charge per kWh 0.050¢ effective January 1, 2003

Other Rate Clauses apply as usual.

Deleted: 45**Deleted:** 1.046**Deleted:** 10**Deleted:** Standard Service Cost Adjustment**Deleted:** (**Deleted:** 62**Deleted:**)**Deleted:** 124

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20
M.D.T.E. No. 1056Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Exogenous Factor

January 1, 2004
~~January 1, 2004~~
January 1, 2004
January 1, 2004
~~January 1, 2004~~

Deleted: 3
Deleted: September
Deleted: 3
Deleted: 3
Deleted: 3

<u>Luminaire</u> <u>Type/Lumens</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of ~~0.430¢~~ per kWh, a Transition Charge of ~~0.650¢~~ per kWh, a Default Service Adjustment Factor of ~~(0.002¢)~~ per kWh, an Exogenous Factor of ~~0.014¢~~ per kWh and, if applicable, either a Standard Service Charge of ~~6.802¢~~ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

Deleted: 45
Deleted: 1.046
Deleted: 10
Deleted: Standard Service Cost Adjustment
Deleted: (
Deleted: 62
Deleted:)
Deleted: 124

NANTUCKET ELECTRIC COMPANY

Residential Regular R-1
M.D.T.E. No. 439

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge
Exogenous Factor

January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004

Deleted: 3
Deleted: September
Deleted: 3
Deleted: 3
Deleted: 3
Deleted: 3

Monthly Charge as Adjusted

Rates for Retail Delivery Service

Customer Charge \$5.81

Distribution Charge per kWh (1) 2.462¢

Deleted: 398

Transmission Charge per kWh 0.624¢

Deleted: 60

Transition Charge per kWh 0.632¢

Deleted: 1,002

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003

Renewables Charge per kWh 0.050¢ effective January 1, 2003

Cable Facilities Surcharge per kWh

Summer 1.951¢

Deleted: 2,499

Winter 1.210¢

Deleted: 544

Rates for Supplier Service

Standard Service Charge per kWh 6.802¢

Deleted: 124

Default Service Charge per kWh per Tariff for Default Service

Interruptible Credits

IC-1 \$5.50

IC-2 \$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

Deleted: 10
Deleted: Standard Service Cost Adjustment
Deleted: (
Deleted: 62
Deleted:)

NANTUCKET ELECTRIC COMPANY

Residential Low Income R-2
M.D.T.E. No. 440

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge
Exogenous Factor

January 1, 2004
November 1, 2003
January 1, 2004
January 1, 2004
January 1, 2004

Deleted: 3

Deleted: 3

Deleted: 3

Deleted: 3

Monthly Charge as Adjusted

Rates for Retail Delivery Service

Customer Charge \$3.77

Distribution Charge per kWh (1) 0.423¢

Deleted: 359

Transmission Charge per kWh 0.624¢

Deleted: 60

Transition Charge per kWh 0.661¢

Deleted: 1.051

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003

Renewables Charge per kWh 0.050¢ effective January 1, 2003

Cable Facilities Surcharge per kWh

Summer 1.749¢

Deleted: 2.239

Winter 1.159¢

Deleted: 481

Rates for Supplier Service

Standard Service Charge per kWh 5.702¢

Default Service Charge per kWh per Tariff for Default Service

Interruptible Credit

IC-1 \$5.50

IC-2 \$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

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NANTUCKET ELECTRIC COMPANY

Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 451

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge
Exogenous Factor

January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004

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Monthly Charge as Adjusted

Rates for Retail Delivery Service

Customer Charge \$19.20

Metering Charge If applicable

Distribution Charge per kWh (1)

Peak Hours Use 6.121¢
Off-Peak Hours Use 0.345¢

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Transmission Charge per kWh 0.391¢

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Transition Charge per kWh

Peak Hours Use 1.688¢
Off-Peak Hours Use (0.084¢)

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Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003

Renewables Charge per kWh 0.050¢ effective January 1, 2003

Cable Facilities Surcharge per kWh

Summer 0.000¢
Winter 0.000¢

Rates for Supplier Service

Standard Service Charge per kWh 6.802¢

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Default Service Charge per kwh per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

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NANTUCKET ELECTRIC COMPANY

Limited Residential Electric Space Heating Rate E
M.D.T.E. No. 442

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge
Exogenous Factor

January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004

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Monthly Charge as Adjusted

Rates for Retail Delivery Service

Customer Charge

\$5.81

Distribution Charge per kWh (1)

2.462¢

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Transmission Charge per kWh

0.624¢

Deleted: 60

Transition Charge per kWh

0.632¢

Deleted: 1.002

Demand Side Management Charge per kWh

0.250¢

effective January 1, 2003

Renewables Charge per kWh

0.050¢

effective January 1, 2003

Cable Facilities Surcharge per kWh

Summer

2.064¢

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Winter

0.674¢

Deleted: 862

Rates for Supplier Service

Standard Service Charge per kWh

6.802¢

Deleted: 124

Default Service Charge per kWh

per Tariff for Default Service

Minimum Charge

The monthly Customer Charge.

Other rate clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

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NANTUCKET ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1
M.D.T.E. No. 443

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge
Exogenous Factor

January 1, 2004
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January 1, 2004

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Monthly Charge as Adjusted

Rates for Retail Delivery Service

Customer Charge \$8.32

Location Service Charge - Allowed unmetered service \$6.48

Distribution Charge per kWh (1) 3.803¢

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Transmission Charge per kWh 0.685¢

Transition Charge per kWh 0.595¢

Deleted: 972

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003

Renewables Charge per kWh 0.050¢ effective January 1, 2003

Cable Facilities Surcharge per kWh

Summer 2.064¢

Deleted: 643

Winter 1.911¢

Deleted: 2,446

Rates for Supplier Service

Standard Service Charge per kWh 6.802¢

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Default Service Charge per kWh per Tariff for Default Service

Minimum Charge - The applicable monthly Customer Charge or Location Service Charge, provided, however if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.

Other Rate Clauses apply as usual.

(1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.

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NANTUCKET ELECTRIC COMPANY

General Service - Demand G-2
M.D.T.E. No. 444

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge
Exogenous Factor

January 1, 2004
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January 1, 2004
January 1, 2004

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Monthly Charge as Adjusted

Rates for Retail Delivery Service

Customer Charge \$15.23

Distribution Demand Charge per kW \$5.92

Distribution Energy Charge per kWh (1) 0.098¢

Transition Charge per kW (2) \$0.67

Transition Charge per kWh (3) 0.472¢

Transmission Charge per kWh 0.611¢

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003

Renewables Charge per kWh 0.050¢ effective January 1, 2003

Cable Facilities Surcharge per kWh

Summer 2.665¢

Winter 2.311¢

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Rates for Supplier Service

Standard Service Charge per kWh 6.802¢

Default Service Charge per kWh per Tariff for Default Service

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Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$2.46) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.416¢) per kWh and Transition Adjustment Factor of 0.069¢ per kWh.

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NANTUCKET ELECTRIC COMPANY

Time-of-Use - G-3
M.D.T.E. No. 445

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge
Exogenous Factor

January 1, 2004
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January 1, 2004

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Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$67.27	
<u>Distribution Demand Charge per kW</u>	\$3.63	
<u>Distribution Energy Charge per kWh (1)</u>		
Peak Hours Use	1.081¢	
Off-Peak Hours Use	0.012¢	
<u>Transition Charge per kW (2)</u>	\$1.14	
<u>Transition Charge per kWh (3)</u>	0.320¢	
<u>Transmission Charge per kWh</u>	0.521¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	1.886¢	
Winter	1.622¢	

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Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	6.802¢	
<u>Default Service Charge per kWh</u>		per Tariff for Default Service

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Minimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of (0.002¢) per kWh and an Exogenous Factor of 0.014¢ per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$4.12) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.196¢) per kWh and Transition Adjustment Factor of (0.020¢) per kWh.

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NANTUCKET ELECTRIC COMPANY

STREET LIGHTING COMPANY-OWNED EQUIPMENT - S-1
M.D.T.E. No. 460

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge
Exogenous Factor

January 1, 2004
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<u>Luminaire</u> <u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Incandescent</u> 1,000	10	440
2,500	11	845
<u>Mercury Vapor</u> 4,000 PT	01	561
8,000 PT	02	908
4,000	03	561
8,000	04	908
11,000	16	1,248
22,000	05	1,897
63,000	06	4,569
22,000 FL	23	1,897
63,000 FL	24	4,569
<u>Sodium Vapor</u> 4,000	70, 83	248
5,800	71	349
9,600	72, 79	490
13,000 (Retrofit)	41	758
16,000	73	714
27,500	74	1,284
27,500 FL	77	1,255
27,500 (12 Hr.)	81	1,314
27,500 (24 Hr.)	82	2,628
50,000	75	1,968
50,000 FL	78	1,968
140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Cable Facilities Surcharge of 0.442¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

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NANTUCKET ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2
M.D.T.E. No. 447

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge
Exogenous Factor

January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004

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<u>Luminaire</u>		<u>Code(s)</u>	<u>Annual kWh</u>
<u>Type/Lumens</u>			
<u>Mercury Vapor</u>	4,000	113	561
	8,000	114	908
	22,000	115	1,897
	22,000 FL	117	1,897
	63,000	116	4,569
	63,000 FL	118	4,569
<u>Sodium Vapor</u>	4,000	100	248
	5,800	101	349
	9,600	102	490
	16,000	104	714
	27,500	105	1,284
	27,500 FL	108	1,255
	27,500 (12 Hr.)	111	1,314
	27,500 (24 Hr.)	112	2,628
	50,000	106	1,968
	50,000 FL	109	1,968
	140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢, a Cable Facilities Surcharge of 0.442¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003
Renewables Charge per kWh 0.050¢ effective January 1, 2003

Other Rate Clauses apply as usual.

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NANTUCKET ELECTRIC COMPANY

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3
M.D.T.E. No. 461

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge
Exogenous Factor

January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004
January 1, 2004

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Type/Lumens		Code(s)	Annual kWh
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03, 30	561
	8,000	04, 31	908
	22,000	05, 33	1,897
	63,000	06	4,569
<u>Sodium Vapor</u>	4,000	70, 53	248
	5,800	51	349
	9,600	72, 52	490
	27,500	74, 36	1,284
	50,000	75, 37	1,968
	140,000	76, 38	4,578

The luminaire cost as shown in the n Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Cable Facilities Surcharge of 0.442¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003
Renewables Charge per kWh 0.050¢ effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

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NANTUCKET ELECTRIC COMPANY

STREET LIGHTING - COMPANY-OWNED EQUIPMENT - S-20
M.D.T.E. No.462

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge
Exogenous Factor

January 1, 2004
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January 1, 2004
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January 1, 2004

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<u>Luminaire</u>	<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.430¢ per kWh, a Transition Charge of 0.650¢ per kWh, a Cable Facilities Surcharge of 0.442¢ per kWh, a Default Service Adjustment Factor of (0.002¢) per kWh, an Exogenous Factor of 0.014¢ per kWh, and, if applicable, either a Standard Service Charge of 6.802¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003
Renewables Charge per kWh 0.050¢ effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

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